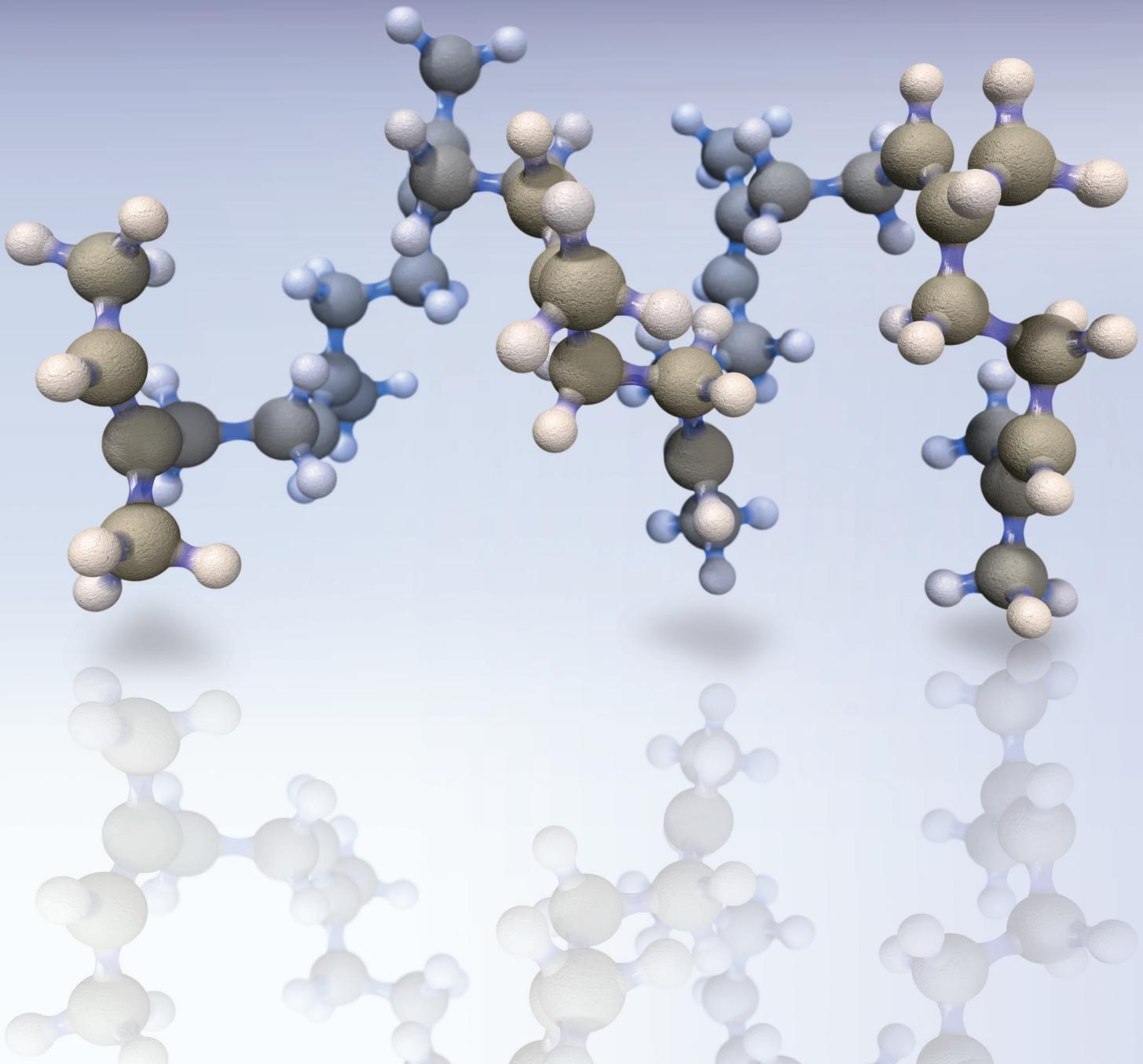




**HOLZ**  
Rubber Company, Inc.

# Elastomer Specification Tables





# Call Holz about our Engineered Solutions

## **Molded Products:**

- Polymer engineering
- Mold design
- Turn-key solutions
- Injection / Compression / Transfer

## **Expansion Joints:**

- Elastomeric spool type
- Ducting
- High temperature fabric
- Metallic

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## HOW TO SELECT THE ELASTOMER BEST SUITED FOR THE CHEMICALS IN YOUR SYSTEM:



1. LOCATE THE SPECIFIC CHEMICAL in your system in the alphabetical chart of chemicals listed in Table 1.
2. SELECT THE BEST TUBE MATERIAL. Holz elastomer resistance ratings appear opposite each chemical. Refer to the "Key to Chemical Guide" on this page . Pick the elastomer or elastomers with the best rating(s). The elastomer name is listed at the head of each column.
3. REFER TO TABLE 2. "Material Code Selection Chart". SELECT THE SURROUNDING ATMOSPHERE AND DESIGN TEMPERATURE which most closely approximates your conditions. DETERMINE THE BEST MATERIAL CODE COMBINATION.

### KEY TO CHEMICAL GUIDE

**A -- EXCELLENT:** Long service may be expected with little or no effect on elastomer-suitable for continuous service.

**B -- GOOD:** Good service may be expected but elastomer will be affected by the exposure-usually suitable for continuous or intermittent service.

**C -- CONDITIONAL:** Fair service may be expected if chemical exposure is limited or infrequent. Not recommended for continuous use but may give some service if it is the only elastomer available.

**X -- NOT RECOMMENDED.**

**-- -- INSUFFICIENT INFORMATION:** No data available at the time publication to determine an accurate rating, but not expected to perform better than rated compounds.

### RATINGS AND CONDITIONS:

This "Chemical Recommendation Chart" is to be used only as a guide in selecting the most satisfactory combination of elastomers for resistance to various chem solution.

The specific rating found in this chart are based upon past field experience, the advice of various polymer suppliers and specific laboratory experiments. It must be stressed, however, that this information is offered only as a guide, and because of variables in actual service conditions, the accuracy of the ratings cannot be guaranteed. Actual service life can be determined only by the user evaluating the elastomer in actual service conditions.

### CAUTION:

Ratings are based upon ambient temperature of 70° F. unless stated otherwise.

Higher temperatures increase the effect of all chemicals on elastomers. An elastomer that is suitable at room temperature might fail at elevated temperatures.

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER							MEDIA PIPED/PUMPED	"TUBE" ELASTOMER							MEDIA PIPED/PUMPED	"TUBE" ELASTOMER						
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE			
Absolute Alcohol	A	X	A	A	A	A	A	B	A	A					C	X	C	B	A	-			
Acetaldehyde	C	X	C	X	A	C	A	X	A	A					A	A	A	A	C				
Acetamide	C	X	B	B	A	B	A	B	A	B					X	C	X	A	A	-			
Acetate of Lime	B	-	B	B	A	A	A	A	X	A					X	-	-	-	A	-			
Acetate Solvents	C	-	X	X	-	X	C	X	A	--					X	X	X	A	A	C			
Acetic Acid-Common	B	C	B	C	B	B	A	C	A	A					C	X	C	B	A	-			
Acetic Acid-Dilute	B	B	B	C	A	B	A	A	A	A					X	X	B	X	A	-			
Acetic Acid-Glacial	C	C	C	C	B	C	B	C	A	B					-	-	A	A	-	-			
Acetic Acid-Common10%1.8 BE	B	B	B	C	A	B	A	A	A	A					X	X	-	-	A	-			
Acetic Acid-20%	B	B	B	C	B	B	A	C	A	A					X	X	X	A	A	C			
Acetic Acid-30%, 5.4 BE	B	C	B	C	B	B	A	C	A	A					C	X	C	B	A	-			
Acetic Acid-50%, 7.9 BE	C	C	C	C	B	B	A	C	A	B					X	X	B	X	A	-			
Acetic Acid-99.5% Glacial	C	C	C	C	B	C	B	C	A	B					-	-	A	A	-	-			
Acetic Aldehyde	C	C	C	X	A	C	A	X	A	A					X	C	B	A	A	-			
Acetic Anhydride	C	B	B	B	B	A	B	X	A	C					X	X	X	A	X	-			
Acetic Ester	X	X	X	X	B	X	B	X	A	B					C	A	B	C	A	B			
Acetic Ether	X	X	X	X	B	X	B	X	A	B					-	-	B	X	A	-			
Acetic Oxide	C	B	B	C	B	A	B	X	A	C					A	-	X	X	A	-			
Acetidin	X	X	X	X	B	X	B	X	A	B					-	-	-	-	A	-			
Acetoacetic Acid	B	-	X	X	B	--	--	--	A	--					A	A	A	A	A	-			
Acetoacetic Ester	B	-	X	X	B	X	B	-	A	--					C	C	-	C	A	-			
Acetone	B	X	B	X	A	B	A	X	A	A					A	X	A	B	A	A			
Acetone Cyanhydrin	C	X	B	X	A	C	X	X	A	A					A	X	A	A	B	A			
Acetonic	B	X	B	X	A	B	A	X	A	A					A	X	A	A	B	A			
Acetonitrile	B	-	A	C	A	B	A	X	A	--					A	X	A	B	C	A			
Acetophenone	C	X	X	X	A	X	A	X	A	--					X	C	A	B	A	-			
Acetyl Acetic Acid	B	-	X	X	B	--	--	--	A	--					A	B	C	A	A	A			
Acetyl Acetone	C	B	X	X	B	X	A	X	A	--					C	C	X	A	X	A			
Acetyl Acetonic	C	B	X	X	B	X	A	X	A	--					X	B	X	X	A	X			
Acetyl Benzene	C	X	X	X	A	X	A	X	A	--					X	B	B	A	X	X			



MEDIA PIPED/PUMPED		"TUBE" ELASTOMER							MEDIA PIPED/PUMPED		"TUBE" ELASTOMER											
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Aliphatic Naphtha	X	--	X	C	X	B	--	A	A	A	--											
Alkazene	X	B	X	X	X	X	X	X	A	A	--											
Alk-Tri	X	--	-	X	X	X	--	A	A	A	--											
Allomaleic Acid	B	--	B	C	X	B	--	A	A	A	B											
Allyl Alcohol	A	-	A	A	A	A	A	B	A	A	--											
Allyl Aldehyde	B	--	-	B	A	B	--	A	A	A	--											
Allyl Bromide	X	--	X	X	X	X	--	B	A	A	--											
Allyl Chloride	X	--	X	X	C	X	X	B	A	A	--											
Allyl Phenyl Methyl Ether	X	--	-	X	X	X	--	B	A	A	--											
Almond Oil, Artificial	X	X	X	X	B	X	B	X	A	C												
Alpha Chloropropylene	X	--	X	X	X	--	--	--	A	--												
Alpha Chlorotoluene	X	--	X	X	X	--	--	--	A	--												
Alpha Hydroxypropionic Acid	A	--	B	B	A	--	--	--	A	--												
Alpha Hydroxotuluene	X	--	X	X	A	--	--	--	A	--												
Alum (also see type)	A	--	A	A	A	A	A	A	A	A	A											
Alum-NH3-CR-K	A	--	A	A	A	A	A	X	A	A												
Aluminum Acetate	A	--	B	C	A	B	A	X	A	X												
Aluminum Acetate Solution	A	--	B	B	B	--	--	--	A	--												
Aluminum Ammonium Sulfate	A	--	B	B	A	--	--	--	A	--												
Aluminum Bromide	A	--	A	A	B	A	--	--	A	--												
Aluminum chloride	A	B	A	A	A	A	A	A	A	A	B											
Aluminum Fluoride	A	--	A	A	A	A	B	A	A	A	B											
Aluminum Formate	X	--	-	X	B	X	--	X	A	--												
Aluminum Hydroxide	A	--	A	B	A	B	A	C	A	--												
Aluminum Nitrate	A	--	A	A	A	A	A	A	A	A	B											
Aluminum Phosphate	A	--	A	A	A	A	A	A	A	A	A											
Aluminum Potassium Sulfate	A	--	A	A	A	A	A	A	A	A	A											
Aluminum Sodium Sulfate	A	A	A	A	A	A	A	A	A	A	A											
Aluminum Sulfate	A	A	A	A	A	A	A	A	A	A	A											
Aluminum Sulphate	A	A	A	A	A	A	A	A	A	A	A											
American Ashes	A	--	A	A	A	A	A	A	A	A	--											
Aminobenzene	X	C	C	X	A	C	B	A	A	A	B											
Aminodimethylbenzene	X	--	X	X	B	--	--	--	A	--												
Aminoethanol	B	C	B	B	A	B	B	C	A	B												
Aminoethylethanolamine	B	--	-	B	A	B	--	--	A	--												
Aminohexane	C	--	-	C	B	C	--	X	A	--												
Aminopentane	C	--	X	C	B	C	X	X	A	--												
Aminoxylene	X	--	X	X	B	X	C	C	A	B												
Ammonia Alum	A	--	B	B	B	--	--	--	A	--												
Ammonia-Anhydrous (liquid)	A	B	A	B	A	B	A	C	A	C												
Ammonia Cupric Sulfate	C	--	-	A	A	A	--	A	A	A	--											
Ammonia Gas (Cold)	A	--	A	A	A	A	X	A	A	A	A											
Ammonia Gas (Hot)	C	--	B	C	C	C	C	X	A	A	A											
Ammonia in Water	A	B	A	B	A	B	A	C	A	C												
Ammoniak	A	A	A	A	A	A	A	A	A	A	B											
Ammoniated Citric Acid	A	--	B	B	A	--	--	--	A	--												
Ammoniated Latex	C	--	A	B	--	C	B	A	A	A	--											
Ammonium Acetate	A	--	A	--	--	--	--	--	A	--												
Ammonium Alum	A	--	B	B	A	--	--	--	A	--												
Ammonium Bicarbonate	A	--	A	A	A	A	A	--	A	--												
Ammonium Bifluoride-10%	X	--	X	B	X	--	--	--	A	--												
Ammonium Carbonate	A	--	B	X	A	B	A	A	A	A	B											
Ammonium Chloride	A	A	A	A	A	A	A	A	A	A	B											
Ammonium Chromic Sulfate	A	--	A	A	A	A	--	--	A	--												
Ammonium Dichromate	A	--	A	A	A	A	A	--	A	--												
Ammonium Diphosphate	A	--	A	A	A	A	A	A	A	A	A											
Ammonium Fluoride	B	--	B	B	A	--	--	--	A	--												
Ammonium Fluoride Acid	X	--	X	B	X	--	--	--	A	--												
Ammonium Hydrate-38%	A	--	A	A	A	A	--	--	A	--												
Ammonium Hydroxide	B	A	B	B	A	A	A	A	A	A	B											
Ammonium Hyposulfite	A	--	A	A	A	A	A	A	A	A	--											
Ammonium Metaphosphate	A	--	A	A	A	A	A	A	A	A	--											
Ammonium Muriate	A	A	A	A	A	A	A	A	A	A	B											
Ammonium Nitrate	A	X	A	A	A	A	A	A	A	A	B											
Ammonium Nitrite	B	--	A	A	A	A	A	--	A	--												

A - EXCELLENT

B - GOOD

C - CONDITIONAL

X - NOT RECOMMENDED

--- INSUFFICIENT INFORMATION



MEDIA PIPED/PUMPED		"TUBE" ELASTOMER								MEDIA PIPED/PUMPED		"TUBE" ELASTOMER										
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Arsenic Butter	X	-	A	C	X	X	X	X	X	A	--								C	A	--	
Arsenic Chloride	X	-	A	C	X	X	X	X	X	A	--							C	B	A	--	
Arsenic Trichloride	X	-	A	C	X	X	X	X	X	A	--							A	A	A	--	
Arsenous Chloride	X	-	A	C	X	X	X	X	X	A	--							A	A	A	--	
Arsenous Trichloride	X	-	A	C	X	X	X	X	X	A	--							A	A	A	--	
Artificial Vinegar	B	B	B	C	A	B	A	A	A	A	A								A	A	A	
Askarel	X	X	C	B	X	B	X	A	A	C								A	A	A	A	
Asphalt	X	B	B	A	X	B	X	A	A	X									A	A	--	
ASTM-Ref: Fuel A	X	A	A	A	X	X	X	A	A	--												
ASTM-Ref: Fuel B	X	B	C	A	X	X	X	A	A	--												
ASTM-Ref: Fuel C	--	C	C	--	X	C	X	A	A	--												
ASTM-Ref: #1 Oil	X	A	B	A	X	B	X	A	A	--												
ASTM-Ref: #2 Oil	X	--	B	A	X	--	--	--	A	--												
ASTM-Ref: #3 Oil	X	B	B	A	X	C	X	A	A	--												
Astral Oil	X	C	B	A	X	C	X	A	A	X												
Aviation Gasoline	X	-	C	A	X	X	X	A	A	--												
Azole's	C	--	X	X	B	--	C	C	A	B												
Baking Soda	A	--	A	A	A	A	A	A	A	A												
Banana Oil	X	X	X	X	B	C	B	X	A	X												
Bardol "B"	X	--	X	X	X	X	X	--	A	--												
Barium Carbonate	A	--	A	A	A	A	A	A	A	A	--											
Barium Chloride	A	A	A	A	A	A	A	A	A	A	A											
Barium Hydrate	A	A	A	A	A	A	A	A	A	A	A											
Barium Hydroxide	A	A	A	A	A	A	A	A	A	A	A											
Barium Monohydrate	A	--	A	A	A	--	--	--	A	--												
Barium Monosulfide	A	A	A	A	A	A	A	A	A	A	B											
Barium Octahydrate	A	--	A	A	A	--	--	--	A	--												
Barium Sulfate	A	A	A	A	A	A	A	A	A	A	B											
Barium Sulfide	A	A	A	A	A	A	A	A	A	A	B											
Barium Sulphide	A	A	A	A	A	A	A	A	A	A	B											
Basic Iron Sulfate	A	--	A	A	A	A	--	--	--	A	--											
Beer	A	A	A	C	A	A	A	A	A	A	A											
Beet Sugar Liquors	A	X	A	A	A	A	A	A	A	A	A											
Bengal Gelatin	A	--	B	B	A	--	--	--	A	--												
Benzal Chloride	--	--	X	B	--	--	--	--	A	--												
Benzalcohol	C	--	C	X	A	B	C	A	A	--												
Benzaldehyde	X	X	X	X	B	X	B	X	A	C												
Benzene	X	X	X	C	X	X	X	X	A	A	X											
Benzene Carbanil	X	X	X	X	B	X	B	X	A	C												
Benzene Carboxylic Acid	B	--	A	X	A	A	B	B	A	B												
Benzene Methylal	X	X	X	X	B	X	B	X	A	C												
Benzene Sulfonic Acid	X	--	A	C	X	A	C	A	A	A	--											
Benzidam	X	C	C	X	A	C	B	A	A	B												
Benzin	X	--	B	A	X	X	X	X	A	A	A											
Benzine	X	--	B	A	X	X	X	X	A	A	A											
Benzine Solvent	X	--	B	A	X	X	X	X	A	A	A											
Benzoic Acid	B	--	A	X	A	B	B	A	A	B												
Benzoinic Aldehyde	X	X	X	X	B	X	B	X	A	C												
Benzol	X	X	X	C	X	X	X	X	A	A	X											
Benzol Hydride	X	X	X	X	B	X	B	X	A	C												
Benzoline	X	--	B	A	X	X	X	X	A	A	A											
Benzophenol	X	--	X	X	B	--	--	--	A	--												
Benzotrichloride	--	--	--	X	--	--	--	--	A	--												
Benzoyl Chloride	X	X	X	X	X	X	X	X	B	A	X											
Benzyl Acetate	X	--	--	X	A	B	--	X	A	A	--											
Benzyl Alcohol	C	--	C	X	A	B	C	A	A	A	--											
Benzyl Benzoate	X	--	X	X	A	--	B	A	A	A	--											
Benzyl Chloride	X	X	X	X	C	X	X	A	A	A	X											
Betula Oil	X	--	X	X	B	--	C	B	A	B	--											
Biborate of Soda	A	A	A	B	A	A	A	A	A	B												
Bicarbonate of Soda	A	--	A	A	A	A	A	A	A	A	A											
Bichloride of Mercury	B	--	B	A	A	A	A	A	A	A	A											
Bichromate of Soda	--	--	--	A	C	--	--	A	--	A	--											
Bephenyl	X	--	X	X	X	X	X	X	A	A	C											
Bephenyl Oxides	X	--	X	X	X	C	X	A	A	C												

A - EXCELLENT

B - GOOD

C - CONDITIONAL

X - NOT RECOMMENDED

--- INSUFFICIENT INFORMATION

# ELASTOMER SPECIFICATION TABLES

MEDIA PIPED/PUMPED		"TUBE" ELASTOMER							MEDIA PIPED/PUMPED		"TUBE" ELASTOMER											
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Arsenic Butter	X	--	A	C	X	X	X	X	X	A	--											
Arsenic Chloride	X	--	A	C	X	X	X	X	X	A	--											
Arsenic Trichloride	X	--	A	C	X	X	X	X	X	A	--											
Arsenous Chloride	X	--	A	C	X	X	X	X	X	A	--											
Arsenous Trichloride	X	--	A	C	X	X	X	X	X	A	--											
Artificial Vinegar	B	B	B	C	A	B	A	A	A	A	A											
Askarel	X	X	C	B	X	B	X	A	A	C												
Asphalt	X	B	B	A	X	B	X	A	A	X												
ASTM-Ref: Fuel A	X	A	A	A	X	X	X	A	A	--												
ASTM-Ref: Fuel B	X	B	C	A	X	X	X	A	A	--												
ASTM-Ref: Fuel C	--	C	C	--	X	C	X	A	A	--												
ASTM-Ref: #1 Oil	X	A	B	A	X	B	X	A	A	--												
ASTM-Ref: #2 Oil	X	--	B	A	X	--	--	--	--	A												
ASTM-Ref: #3 Oil	X	B	B	A	X	C	X	A	A	--												
Astral Oil	X	C	B	A	X	C	X	A	A	X												
Aviation Gasoline	X	--	C	A	X	X	X	A	A	--												
Azole's	C	--	X	X	B	--	C	C	C	B												
Baking Soda	A	--	A	A	A	A	A	A	A	A												
Banana Oil	X	X	X	X	B	C	B	X	A	X												
Bardol "B"	X	--	X	X	X	X	X	--	A	--												
Barium Carbonate	A	--	A	A	A	A	A	A	A	A	--											
Barium Chloride	A	A	A	A	A	A	A	A	A	A	A											
Barium Hydrate	A	A	A	A	A	A	A	A	A	A	A											
Barium Hydroxide	A	A	A	A	A	A	A	A	A	A	A											
Barium Monohydrate	A	--	A	A	A	--	--	--	A	--												
Barium Monosulfide	A	A	A	A	A	A	A	A	A	A	B											
Barium Octahydrate	A	--	A	A	A	--	--	--	A	--												
Barium Sulfate	A	A	A	A	A	A	A	A	A	A	B											
Barium Sulfide	A	A	A	A	A	A	A	A	A	A	B											
Barium Sulphide	A	A	A	A	A	A	A	A	A	A	B											
Basic Iron Sulfate	A	--	A	A	A	--	--	--	--	A	--											
Beer	A	A	A	C	A	A	A	A	A	A	A											
Beet Sugar Liquors	A	X	A	A	A	A	A	A	A	A	A											
Bengal Gelatin	A	--	B	B	A	--	--	--	--	A	--											
Benzal Chloride	--	--	--	X	B	--	--	--	--	A	--											
Benzalcohol	C	--	C	X	A	B	C	A	A	--												
Benzaldehyde	X	X	X	X	B	X	B	X	A	A	C											
Benzene	X	X	X	C	X	X	X	X	A	A	X											
Benzene Carbanal	X	X	X	X	B	X	B	X	A	C												
Benzene Carboxylic Acid	B	--	A	X	A	A	B	B	A	B	B											
Benzene Methylal	X	X	X	X	B	X	B	X	A	A	C											
Benzene Sulfonic Acid	X	--	A	C	X	A	C	A	A	A	--											
Benzidam	X	C	C	X	A	C	B	A	A	A	B											
Benzin	X	--	B	A	X	X	X	X	A	A	A											
Benzine	X	--	B	A	X	X	X	X	A	A	A											
Benzine Solvent	X	--	B	A	X	X	X	X	A	A	A											
Benzioic Acid	B	--	A	X	A	B	B	A	A	B	A											
Benzoinic Aldehyde	X	X	X	X	B	X	B	X	A	A	C											
Benzol	X	X	X	C	X	X	X	X	A	A	X											
Benzol Hydride	X	X	X	X	B	X	B	X	A	C												
Benzoline	X	--	B	A	X	X	X	A	A	A	A											
Benzophenol	X	--	X	X	B	--	--	--	--	A	--											
Benzotrichloride	--	--	--	X	--	--	--	--	--	A	--											
Benzoyl Chloride	X	X	X	X	X	X	X	X	B	A	X											
Benzyl Acetate	X	--	--	X	A	B	--	X	A	--												
Benzyl Alcohol	C	--	C	X	A	B	C	A	A	--												
Benzyl Benzoate	X	--	X	X	A	--	B	A	A	A	--											
Benzyl Chloride	X	X	X	X	C	X	X	A	A	A	X											
Betula Oil	X	--	X	X	B	--	C	B	A	--												
Biborate of Soda	A	A	A	B	A	A	A	A	A	B	B											
Bicarbonate of Soda	A	--	A	A	A	A	A	A	A	A	A											
Bichloride of Mercury	B	--	B	A	A	A	A	A	A	A	A											
Bichromate of Soda	--	--	--	A	C	--	--	A	--													
Bephenyl	X	--	X	X	X	X	X	A	A	C												
Bephenyl Oxides	X	--	X	X	X	C	X	A	A	C												

A - EXCELLENT

B - GOOD

C - CONDITIONAL

X - NOT RECOMMENDED

--- INSUFFICIENT INFORMATION



MEDIA PIPED/PUMPED	"TUBE" ELASTOMER								MEDIA PIPED/PUMPED	"TUBE" ELASTOMER										
CHEMICAL	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Butter	X	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	
Butter of Antimony	--	--	-	B	A	-	A	A	A	A	--	--	--	--	--	--	--	--	--	
Butter of Tin	A	B	A	A	B	A	B	A	A	B	Ca	X	X	C	B	A	A	A	B	
Butter of Zinc	B	A	B	B	A	A	A	A	A	A	Ca	--	--	A	A	A	--	A	--	
Butyl Acetate	X	C	X	X	B	X	B	X	A	X	--	--	--	X	X	--	--	--	--	
n-Butyl Acetate	C	--	X	X	C	X	X	X	A	A	--	--	--	--	--	--	--	--	--	
Butyl Acetate Ricinoleate	X	--	X	X	X	--	--	--	A	A	--	--	--	--	--	--	--	--	--	
Butyl Acetoacetate	X	--	--	--	--	X	--	X	A	A	--	--	--	--	--	--	--	--	--	
Butyl Acetyl Ricinoleate	X	--	X	C	A	C	C	A	A	A	--	--	--	--	--	--	--	--	--	
Butyl Amine	X	--	X	X	C	X	X	X	A	A	--	--	--	--	--	--	--	--	--	
Butyl Alcohol	A	X	A	A	A	A	A	A	A	B	--	--	--	--	--	--	--	--	--	
Butyl (Normal) Alcohol	A	X	A	B	A	A	A	A	A	B	--	--	--	--	--	--	--	--	--	
Butyl (Secondary) Alcohol	A	X	A	A	A	A	A	A	A	B	--	--	--	--	--	--	--	--	--	
Butyl Aldehyde	X	C	C	X	B	C	B	X	A	C	--	--	--	--	--	--	--	--	--	
Butyl Amine	C	X	X	B	B	C	X	X	A	B	--	--	--	--	--	--	--	--	--	
Butyl Benzene	X	--	--	X	X	X	--	A	A	--	--	--	--	--	--	--	--	--	--	
Butyl Benzoate	--	--	X	--	A	X	B	A	A	--	--	--	--	--	--	--	--	--	--	
Butyl Benzyl Phthalate	X	--	--	X	A	X	--	C	A	--	--	--	--	--	--	--	--	--	--	
Butyl Bromide	X	--	--	X	X	X	X	--	B	A	--	--	--	--	--	--	--	--	--	
Butyl Butyrate	X	--	--	X	C	X	--	X	A	--	--	--	--	--	--	--	--	--	--	
n-Butyl, n-Butrate	--	--	X	--	--	--	--	A	A	--	--	--	--	--	--	--	--	--	--	
Butyl Carbitol	X	--	B	A	A	A	A	A	A	A	--	--	--	--	--	--	--	--	--	
Butyl Cellulosic	X	--	C	B	A	B	A	C	A	A	--	--	--	--	--	--	--	--	--	
Butyl Chloride	X	--	--	X	C	X	--	A	A	A	--	--	--	--	--	--	--	--	--	
Butyl Ether	X	--	B	A	X	C	--	C	A	--	--	--	--	--	--	--	--	--	--	
Butyl Ethyl Acetaldehyde	X	--	--	X	B	X	--	X	A	--	--	--	--	--	--	--	--	--	--	
Butyl Ethyl Ether	X	--	--	B	X	B	--	--	A	--	--	--	--	--	--	--	--	--	--	
Butyl Formate	X	--	X	X	--	--	--	--	A	--	--	--	--	--	--	--	--	--	--	
Butyl Hydrate	A	X	A	A	A	A	A	A	A	B	--	--	--	--	--	--	--	--	--	
Butyl Hydride	X	A	B	A	X	A	C	A	A	--	--	--	--	--	--	--	--	--	--	
Butyl Hydroxide	A	X	A	A	A	A	A	A	A	B	--	--	--	--	--	--	--	--	--	
Butyl Liodide	X	--	X	X	--	--	--	--	A	--	--	--	--	--	--	--	--	--	--	
Butyl Methyl Ketone	--	--	--	--	--	--	--	--	A	--	--	--	--	--	--	--	--	--	--	
Butyl Oleate	X	--	X	--	B	X	B	A	A	B	--	--	--	--	--	--	--	--	--	
Butyl Oxide	X	--	B	A	X	C	--	C	A	--	--	--	--	--	--	--	--	--	--	
Butyl Phthalate	X	--	--	X	B	X	--	C	A	--	--	--	--	--	--	--	--	--	--	
Butyl Stearate	X	--	X	A	C	X	B	A	A	--	--	--	--	--	--	--	--	--	--	
Butyl Tertiary Alcohol	A	X	A	A	A	A	A	A	B	A	--	--	--	--	--	--	--	--	--	
Butylene	X	--	C	B	X	C	X	A	A	--	--	--	--	--	--	--	--	--	--	
Butyraldehyde	X	C	C	X	B	C	B	X	A	C	--	--	--	--	--	--	--	--	--	
Butyric Acid	C	--	C	C	C	C	C	C	A	--	--	--	--	--	--	--	--	--	--	
Butyric Alcohol	A	--	B	B	A	--	--	--	A	--	--	--	--	--	--	--	--	--	--	
Butyric Anhydride	C	--	C	C	C	B	--	--	A	--	--	--	--	--	--	--	--	--	--	
Butyron	X	--	--	X	B	X	--	X	A	--	--	--	--	--	--	--	--	--	--	
Butyronitrile	X	--	X	X	A	--	A	--	A	--	--	--	--	--	--	--	--	--	--	
Cadmium Acetate	X	--	--	X	A	A	--	X	A	--	--	--	--	--	--	--	--	--	--	
Cadmium Cyanide	--	--	A	--	--	--	--	A	A	--	--	--	--	--	--	--	--	--	--	
Cajeputene	X	--	X	C	X	X	X	A	A	--	--	--	--	--	--	--	--	--	--	
Cake Alum	A	--	A	A	A	A	--	--	A	--	--	--	--	--	--	--	--	--	--	
Calamine	B	--	B	B	A	A	--	A	A	--	--	--	--	--	--	--	--	--	--	
Calcine Liquor	--	--	-	A	A	--	--	--	A	--	--	--	--	--	--	--	--	--	--	
Calcium Acetate	B	--	B	B	A	A	A	X	A	--	--	--	--	--	--	--	--	--	--	
Calcium Aluminate	A	--	--	A	A	A	--	A	A	--	--	--	--	--	--	--	--	--	--	
Calcium Bichromate	--	--	--	--	A	C	--	--	A	--	--	--	--	--	--	--	--	--	--	
Calcium Bisulfate	A	A	A	A	A	A	A	A	A	B	--	--	--	--	--	--	--	--	--	
Calcium Bisulfite	C	A	A	A	B	A	C	A	A	C	--	--	--	--	--	--	--	--	--	
Calcium Bisulphite	C	A	A	A	B	A	C	A	A	C	--	--	--	--	--	--	--	--	--	
Calcium Carbonate	A	--	A	A	A	A	A	A	A	A	--	--	--	--	--	--	--	--	--	
Calcium Chlorate	A	--	A	A	A	A	A	A	A	A	--	--	--	--	--	--	--	--	--	
Calcium Chloride	A	A	A	A	A	A	A	A	A	A	--	--	--	--	--	--	--	--	--	
Calcium Fluorophosphate	--	--	A	--	--	--	--	A	A	--	--	--	--	--	--	--	--	--	--	
Calcium Hydrate	A	A	A	A	A	B	A	A	A	A	--	--	--	--	--	--	--	--	--	
Calcium Hydroxide	A	A	A	A	A	B	A	A	A	A	--	--	--	--	--	--	--	--	--	
Calcium Hypochlorite	C	X	X	C	B	A	A	A	A	B	--	--	--	--	--	--	--	--	--	
Calcium Monoxide	A	--	A	A	A	A	A	--	A	--	--	--	--	--	--	--	--	--	--	

A - EXCELLENT

B - GOOD

C - CONDITIONAL

X - NOT RECOMMENDED

-- INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED		"TUBE" ELASTOMER								MEDIA PIPED/PUMPED		"TUBE" ELASTOMER										
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Chlorinated Diphenyl	X	X	C	B	X	B	X	A	A	A	C											X
Chlorinated Lime-35%	C	X	X	C	B	A	A	A	A	A	B											B
Chlorinated Salt Brine	B	--	X	--	A	--	--	--	--	A	--											C
Chlorinated Solvents (Wet or Dry)	X	--	X	X	X	X	X	X	A	A	X											X
Chlorinated Tar Camphor	X	--	X	X	X	X	--	--	--	A	--											X
Chlorine (Dry)	C	X	C	C	C	C	C	A	A	A	A											X
Chlorine (Wet)	X	X	X	X	C	X	X	A	A	A	B											B
Chlorine Agueon	X	--	--	--	X	--	--	--	A	--	--											A
Chlorine Dioxide	X	--	X	X	X	B	C	A	A	A	C											A
Chlorine Gas, Dry	C	--	C	C	C	X	X	B	A	--	--											A
Chlorine Gas, Wet	X	--	X	C	C	X	X	C	A	--	--											A
Chlorine Peroxide	X	--	X	X	X	B	C	A	A	A	C											A
Chlorine Trifluoride	X	X	X	X	X	X	X	C	A	A	X											A
Chlorine Water-Saturated	X	--	X	C	X	B	C	A	A	--	--											A
Chlorine Water-3%	B	--	C	B	X	B	--	A	A	--	--											A
Chloroacetic Acid	X	X	X	X	C	B	B	A	A	A	C											A
Chloroacetone	X	--	C	X	C	B	X	B	A	A	--											A
Chloroacetonitrile	C	--	C	C	C	--	--	--	A	--	--											A
Chloroallyene	X	--	X	X	C	X	X	B	A	--	--											A
Chloroazotic Acid	X	--	X	X	C	B	C	A	A	C												A
Chlorobenzal	--	--	--	X	B	--	--	--	A	--	--											A
Chlorobenzene	X	X	X	X	X	X	X	X	A	A	X											A
Chlorobenzol	X	X	X	X	X	X	X	X	A	A	X											A
Chlorobromomethane	X	--	X	X	C	X	B	A	A	A	X											A
Chlorobutadiene	X	--	X	X	X	C	X	A	A	C												A
Chlorobutane (Chlorobutanol)	X	--	--	X	C	X	--	A	A	--	--											A
Chlorododecane	X	--	X	X	X	--	X	A	A	--	--											A
Chloroethane	C	--	X	X	B	X	C	A	A	--	--											A
Chloroethanoic Acid	X	X	X	X	C	B	A	A	A	A	C											A
Chloroethanol	C	--	B	X	B	B	A	B	A	C												A
Chloroethyl Alcohol	C	--	B	X	B	B	A	B	A	B	C											A
Chloroethylbenzene	X	B	X	X	X	X	X	X	A	A	--											A
Chloroform	X	C	X	X	X	X	X	X	A	A	C											A
Chloromethane (Chloreomethyl)	X	--	X	X	C	X	C	B	A	X												A
0-Chloronaphthalene	X	--	X	X	X	X	X	X	A	A	X											A
1-Chloro 1-Nitro Ethane	X	X	X	X	X	X	X	C	A	X												A
Chloronated Hydrocarbons	X	--	X	X	--	X	X	X	A	A	--											A
Chloropentane	X	--	X	X	C	X	X	X	A	A	--											A
Chlorophenic Acid	X	--	X	X	X	X	X	X	B	A	--											A
0-Chlorophenol	X	--	X	X	X	X	X	X	B	A	--											A
Chloroprene	X	--	X	X	X	C	X	A	A	A	C											A
Chloropropanone	X	--	X	X	X	X	X	--	X	A	A											A
Chloropropene	X	--	X	X	C	X	X	B	A	A	--											A
Chloropropylene	X	--	X	X	X	X	--	--	--	A	--											A
Chloropropylene Oxide	X	--	X	X	C	C	B	X	A	A	--											A
Chlorosulfonic Acid	X	X	X	X	X	C	X	X	A	X												A
Chlorothene	X	--	X	X	X	X	X	--	A	A	--											A
Chlorotoluene	X	X	X	X	C	X	X	A	A	X												A
Chlorotrifluoroethylene	X	--	--	X	X	--	--	--	A	--	--											A
Chlorox	C	--	B	B	A	A	--	A	A	--	--											A
Chrome Alum	A	--	A	A	A	A	--	--	--	A	--											A
Chrome Ammonium Alum	A	--	A	A	A	A	--	--	--	A	--											A
Chrome Plating Solutions	X	X	X	X	C	C	X	A	A	B												A
Chromic Acid-to 25%	X	--	X	X	B	A	A	A	A	A	C											A
Chromic Acid-Over 25%	X	X	X	X	X	A	C	A	A	A	C											A
Chromicoat	X	--	X	--	--	--	--	--	--	A	--											A
Chromium Ammonium Sulfate	A	--	A	A	A	A	--	--	--	A	--											A
Chromium Potassium Sulfate	A	--	A	A	A	A	--	--	--	A	--											A
Chrysolepic Acid	C	B	C	C	C	A	B	A	A	A	X											A
Cinene	X	--	X	C	X	X	X	X	A	A	--											A
Circo Light Process Oil	X	--	B	A	--	--	--	--	A	--	--											A
Citric Acid	A	A	A	B	A	A	A	A	A	A	A											A
Citric Acid-Ammoniated	A	--	B	B	A	A	--	--	--	A	--											A
Citrus Oils	X	--	X	C	B	X	B	--	A	A	--											A
Cleaners Naphtha	X	--	X	B	X	--	--	A	A	--	--											A

A - EXCELLENT

B - GOOD

C - CONDITIONAL

X - NOT RECOMMENDED

--- INSUFFICIENT INFORMATION



# ELASTOMER SPECIFICATION TABLES

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER								MEDIA PIPED/PUMPED	"TUBE" ELASTOMER										
CHEMICAL	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPM	VITON®	TEFLON®	SILICONE	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPM	VITON®	TEFLON®	SILICONE
Cyclohexatriene	X	X	X	X	X	X	X	A	A	X	Dichloropentane	--	--	X	X	X	--	A	A	--
Cyclopentane	X	--	A	B	X	X	X	A	A	--	Dichloropropane	--	--	X	X	X	--	B	A	--
Cyclopentanol	X	--	--	B	X	X	--	B	A	--	Dichlorotetrafluoroethane	--	--	X	X	--	--	A	--	--
Cyclopentanone	X	--	--	X	X	X	--	X	A	--	Dicyclohexylamine	--	--	X	X	B	X	B	A	--
Cymene	X	--	X	C	X	X	X	A	A	X	Dieldrin in Xylene	--	X	X	--	X	X	B	A	--
D.B.P.	X	C	X	X	B	X	A	B	A	B	Dieldrin in Xylene & Water Spray	--	B	B	--	X	X	B	A	--
D.D.T. in Deodorized Kerosene	X	--	B	A	X	X	X	A	A	--	Dieline	--	X	X	C	X	--	A	A	--
D.M.F.	X	--	X	X	B	--	--	--	A	--	Diesel Oil	B	B	A	X	C	X	A	A	X
D.M.P.	X	--	X	X	A	X	B	C	A	--	Dester Syn. Lub. Oil	--	X	X	X	--	--	A	--	--
D.O.P.	X	--	X	X	B	--	--	--	A	--	Diethyl Amine	B	C	A	C	A	C	C	A	B
Danforth's Oil	X	C	C	A	X	C	X	A	A	C	Diethyl Benzene	X	X	X	X	X	X	A	A	X
Decahydronaphthalene	X	X	X	X	C	X	X	A	A	--	Diethyl Carbinol	A	--	--	A	A	--	B	A	--
Decalin (Deklin)	X	X	X	X	C	X	X	A	A	--	Diethyl Carbonate	--	X	X	X	--	--	A	--	--
Decanal	X	--	--	X	C	X	X	X	A	--	Diethyl Ether	X	A	C	B	C	X	X	A	X
Decane	X	B	X	B	C	X	C	A	A	B	Diethyl Ketone	--	X	X	B	X	B	X	A	--
Decanol	B	--	X	A	B	A	--	B	A	--	Diethyl Oxalate	C	--	X	X	C	X	--	A	--
Decyl Alcohol	B	--	X	A	B	A	--	B	A	--	Diethyl Oxide	X	A	C	B	C	C	X	A	X
Decyl Aldehyde	X	--	--	X	C	X	--	X	A	--	Diethyl Phthalate	X	--	--	X	A	X	--	C	A
Decyl Butyl Phthalate	X	--	--	X	A	X	--	C	A	--	Diethyl Sebacate	X	--	X	X	B	C	B	A	B
Degreasing Fluid	X	--	X	X	C	X	X	A	A	--	Diethyl Sulfate	X	--	--	X	B	X	--	X	A
Dehydrated Alcohol	A	X	A	A	A	A	A	B	A	A	Diethyl Triamine	B	--	--	B	A	C	--	--	A
Deionized Water	A	--	A	B	A	--	--	--	A	--	Diethylene Dioxide	X	--	X	X	A	X	A	X	--
Denatured Alcohol	A	X	B	A	A	A	A	B	A	A	Diethylene Ether	X	--	X	X	X	--	--	A	--
Detergent Solutions	B	A	B	A	A	A	A	A	A	A	Diethylene Glycot	A	X	A	A	A	A	A	B	--
Developing Fluids & Solutions	A	X	A	A	A	A	A	A	A	A	Diethylene Glycol-Dialky Ether	X	--	X	A	A	--	--	A	--
Dextronic Acid	X	--	--	C	C	B	--	--	A	--	Diethylene Glycol-Monoalkyl Ether	X	--	X	A	A	--	--	--	--
Dextrose	B	A	B	B	A	A	A	A	A	A	Diethylene Glycol-Monobutyl Ether	X	--	B	A	A	A	A	A	A
Deacetic Acid	B	--	X	X	B	--	--	--	A	--	Diethylene Glycol-Monoethyl Ether	X	X	B	B	B	B	A	A	B
Diacetic Ester	B	--	X	X	B	--	--	--	A	--	Diethylene Oxide	X	--	X	X	A	X	A	X	--
Diacetic Ether	B	--	X	X	B	--	--	--	A	--	Diethylene Triamine	B	--	--	B	A	C	--	--	A
Diacetone	C	B	--	X	A	X	A	X	A	A	Digallic Acid	A	A	A	C	B	A	A	B	--
Diacetone Alcohol	B	B	B	X	A	B	B	C	A	A	Dihydroxydiethyl Amine	B	--	--	B	A	C	--	--	A
Diacetyl Acetic Acid	B	--	X	X	B	--	--	--	A	--	Dihydroxydiethyl Ether	A	--	B	A	A	A	--	A	--
Diamine (Diamidogen)	--	X	C	B	A	B	A	C	A	C	Dihydroxyethyl Amine	B	--	--	B	A	C	--	--	A
Diaminoethane	B	--	A	B	A	A	A	X	A	A	Dihydroxypropane	A	--	--	A	A	A	A	A	A
Diammonium Orthophosphate	A	--	A	A	A	A	A	A	A	A	Dihydroxysuccinic Acid	A	A	C	B	B	A	B	A	A
Diamylamine	B	--	--	B	A	C	--	--	A	--	Diisobutyl Ketone	X	--	X	X	C	X	B	X	--
Diamylene	X	--	X	C	X	X	X	A	A	--	Diisobutylene	X	--	C	B	X	C	--	A	X
Diamyl Naphthalene	X	--	--	X	A	X	--	C	A	--	Diisobutyl Adipate	X	--	X	A	X	--	C	A	--
Diamyl Phenol	X	--	--	X	X	X	--	A	A	--	Diisodecyl Phthalate	X	--	X	X	A	X	A	C	A
Diatol	X	--	X	X	X	X	--	--	A	--	Diisooctyl Adipate	X	--	--	X	A	X	--	C	A
Dibenzyl Ether	X	B	X	X	B	X	C	C	A	--	Diisooctyl Phthalate	X	--	--	X	A	X	--	C	A
Dibenzyl Sebacate	X	X	X	X	B	X	B	B	A	B	Di-isoprene	X	--	X	C	X	X	X	A	A
Dibromobenzene	X	--	--	X	X	X	X	--	A	A	Diisopropanol Amine	B	--	--	B	A	C	--	A	--
1,2-Dibromoethane	X	--	X	X	X	X	C	B	A	--	Diisopropyl Amine	B	--	--	B	A	C	--	A	--
Dimethyl	X	--	--	A	X	X	X	A	A	X	Diisopropyl Benzene	X	--	X	X	X	X	A	--	--
Dimethyl Acetate	--	--	X	--	--	--	--	--	A	--	Diisopropyl Ether	X	--	X	B	X	C	--	A	--
Dimethyl Amine	B	--	X	C	A	C	X	B	A	C	Diisopropyl Ketone	X	--	X	X	B	X	A	--	--
Dimethyl Ether	X	B	C	B	X	C	C	C	A	X	Dilauryl Ether	X	--	B	--	B	--	--	A	--
Dimethyl Phthalate	X	C	X	X	B	X	A	B	A	B	Dimethyl Amine	B	--	--	B	A	C	--	A	--
Dimethyl Sebacate	X	X	X	X	B	X	B	B	A	B	Dimethyl Aniline	X	--	X	X	B	C	A	X	--
Dicalcium Phosphate	A	--	--	A	A	A	--	A	A	A	Dimethyl Benzene	X	C	X	C	X	X	--	A	X
Dichloroacetic Acid	B	--	--	X	C	X	--	X	A	--	Dimethyl Carbinol	A	X	A	B	A	B	A	A	A
O-Dichlorobenzene	X	X	X	X	X	X	X	A	A	X	Dimethyl Ether	X	--	--	A	C	B	--	A	--
Dichlorobutane	X	--	--	X	X	X	--	A	A	--	Dimethyl Formamide	X	--	X	C	B	X	--	A	A
Dichloro- <i>Difluoro</i> Methane	X	A	B	B	C	C	B	B	A	X	Dimethyl Ketal	B	X	C	X	A	B	A	A	A
Dichloroethane	X	--	X	X	C	X	--	A	A	--	Dimethyl Ketone	B	X	C	X	A	B	A	X	A
Dichloroethanoic Acid	B	--	--	X	C	X	--	X	A	--	Dimethyl Methane	X	B	B	A	X	B	X	A	C
Dichloroether	X	--	--	X	X	X	--	--	A	--	Dimethyl Phenol	X	--	--	X	X	X	--	A	A
Dichloroethylene	X	--	X	X	C	X	X	A	A	--	Dimethyl Phthalate	X	--	X	A	A	B	C	A	--
Dichloroethyl Ether	X	--	--	X	X	X	--	--	A	--	Dimethyl Sulfate	X	--	--	X	B	X	--	X	A
Dichloro Fluoro Methane	X	--	X	X	C	X	X	A	A	X	Dimethyl Sulfide	X	--	--	X	C	C	--	--	A
Dichlorohexane	X	--	--	X	X	X	--	A	A	--	Dinitrobenzene	X	--	--	X	C	X	--	A	A
Dichloro-Isopropyl Ether	X	B	X	X	C	X	C	C	A	X	Dinitrotoluene	X	--	X	X	X	X	B	A	B
Dichloromethane	X	X	X	X	X	C	B	A	--	--	--	--	--	--	--	--	--	--		

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MEDIA PIPED/PUMPED		"TUBE" ELASTOMER								MEDIA PIPED/PUMPED		"TUBE" ELASTOMER									
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Diocyl Adipate	X	--	X	X	A	X	B	C	A	--											
Diocyl Amine	B	--	--	B	A	C	--	--	A	--											B
Diocyl Phthalate	X	C	X	X	A	X	B	A	A	C											
Diocyl Sebacate	X	B	X	X	A	X	B	B	A	C											
Diiform	X	--	X	X	C	X	--	A	A	--											
Dioxane (Dioxan)	X	--	X	X	A	X	A	X	A	X											
Dioxyethylene Ether	X	--	X	X	X	--	--	--	A	--											
Dioxolanes (Dioxolans)	X	--	X	X	C	X	C	B	A	--											
Dipentene	X	--	X	C	X	X	X	A	A	--											
Dephenyl	X	--	X	X	X	X	X	A	A	C											
Diphenyl Oxides	X	--	X	X	X	C	X	A	A	C											
Diphenyl Phthalate	X	--	--	X	A	X	--	C	A	--											
Dipell's Oil	X	--	--	A	B	X	--	A	A	--											
Dipropylamine	B	--	--	B	A	C	--	--	A	--											
Dipropylene Glycol	A	--	--	A	A	A	--	A	A	--											
Dipropyl Ketone	X	--	--	X	B	X	--	X	A	--											
Dipropyl Methane	X	--	A	A	X	B	X	A	A	--											
Disodium Phosphate	A	--	--	A	A	A	--	--	A	--											
Dispersing Oil #10	X	--	X	X	X	--	X	C	A	--											
Distilled Vinegar	A	B	B	C	A	B	A	A	A	A											
Divinyl Benzene	X	--	--	X	X	X	--	A	A	--											
Divinyl Ether	X	--	--	B	X	B	--	X	A	--											
D.M.P.	X	--	--	X	X	X	--	X	A	--											
Dodecanol	A	--	--	A	A	A	--	B	A	--											
Dodecyl Alcohol	A	--	--	A	A	A	--	B	A	--											
Dodecyl Benzene	X	--	--	X	X	X	--	A	A	--											
Dodecyl Toluene	X	--	--	X	X	X	--	A	A	--											
Douglas Fir Oil	X	--	X	B	--	--	--	--	A	--											
Dow General Weed Killer (Phenc)	--	--	--	X	--	--	--	--	A	--											
Dow General Weed Killer (Water)	--	--	--	B	--	--	--	--	A	--											
Dowfume W-40 100% Fumigant	X	--	X	X	X	--	C	C	A	--											
Dow Per	X	--	--	C	X	X	--	A	A	--											
Dow Purifloc C-31	A	--	A	A	--	--	--	--	A	--											
Dowtherm A	X	B	C	C	X	B	X	A	A	B											
Dowtherm E	X	--	X	X	X	B	X	A	A	A											
Dowtherm Oil	X	B	X	--	X	X	X	A	A	B											
Dowtherm S.R.-1	A	--	--	A	A	A	--	A	A	--											
Dry Cleaning Fluids	X	C	X	C	X	X	X	A	A	X											
Dry Cleaning Solvent	X	A	C	A	X	X	X	X	A	A	X										
Drycid	C	--	C	--	--	--	--	--	A	--											
Dutch Oil	X	--	X	X	C	--	X	--	A	--											
Dutch Liquid	X	--	X	X	C	--	X	--	A	--											
Earth Pitch	X	B	B	A	X	B	X	A	A	X											
Epichlorohydrine	X	--	X	X	C	C	B	X	A	--											
Eqsom Salts	A	--	A	A	A	A	A	A	A	A											
Essence of Myrbane	X	X	X	X	C	X	C	A	A	C											
Ethamine	B	--	X	X	A	C	A	X	A	A											
Ethanal	C	C	C	X	A	C	A	X	A	A											
Ethanimide	C	X	B	B	A	B	A	B	A	B											
Ethane	X	B	B	A	X	B	X	A	A	X											
Ethane Nitrile	B	--	A	C	A	B	A	X	A	--											
Ethanedioic Acid	B	--	B	B	A	A	A	C	A	B											
Ethanethiol	X	--	X	X	X	X	X	B	A	--											
Ethanoic Acid (See Acetic Acid)	--	--	--	--	--	--	--	--	A	--											
Ethanol	A	X	B	A	A	A	A	B	A	A											
Ethanolamine	B	C	B	B	A	B	B	B	C	A	B										
Ethanolyl Chloride	X	--	X	X	C	X	C	B	A	--											
Ether	X	C	X	B	C	B	X	X	A	C											
Ethine	A	--	B	A	A	B	A	A	A	C											
Ethocel	B	B	B	B	A	B	B	B	A	A											
Ethoxyethane	X	A	C	B	C	C	X	X	A	X											
Ethyloxyethanol	X	--	C	C	A	B	A	B	A	B											
Ethyl Acetate	X	X	X	X	B	X	B	X	A	B											
Ethyl Acetic Acid	C	--	C	C	C	B	C	C	A	B											
Ethyl Acetoacetate	C	C	X	X	B	X	B	X	A	B											

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Ethylene Glycol Monobutyl Ether	X	--	C	B	A	B	A	C	C	A	--	Formonitrile	B	C	C	B	B	A	B	A	A	A	
Ethylene Glycol Monoethyl Ether	C	X	X	C	A	X	A	A	A	A	C	Fraud's Reagent-10%	A	--	A	X	B	A	B	A	A	X	
Ethylene Glycol Monomethyl Eth	X	--	A	C	A	B	B	B	X	A	--	Freon 11	X	X	B	A	X	A	X	A	A	X	
Ethylene Monoacetate	C	X	X	C	A	X	A	A	A	A	C	Freon 12	X	A	B	B	C	C	B	B	A	X	
Ethylene Oxide	--	C	X	X	X	X	X	X	C	A	C	Freon 13	A	--	A	A	A	A	A	A	A	--	
Ethylene Trichloride	X	--	X	X	X	X	X	X	A	A	C	Freon 13B1	A	A	A	A	A	A	A	A	A	X	
Ethylic Acid (See Acetic Acid)	--	--	--	--	--	--	--	--	--	A	--	Freon 14	X	--	X	X	B	X	B	--	A	--	
Ethylic Alcohol	A	X	A	A	A	A	A	A	B	A	A	Freon 21	X	--	X	X	X	X	X	X	A	X	
Ethylic Ether	X	A	C	B	C	C	X	X	X	A	X	Freon 22	X	X	B	X	B	A	C	X	A	X	
Ethyldene Chloride	X	--	X	X	C	--	X	--	A	--	--	Freon 31	B	--	A	X	A	B	A	X	A	--	
Ethyldene Dichloride	X	--	X	X	C	--	X	--	A	--	--	Freon 32	A	--	A	A	A	A	C	A	--		
Ethyldene Perchloride	X	--	X	X	C	--	X	--	A	--	--	Freon T-P 35	A	A	A	A	A	A	A	A	A		
Ethyne	A	--	B	A	A	B	A	A	A	A	C	Freon 112	X	--	B	B	X	B	X	A	A	--	
Exsiccated Lum	A	--	A	A	A	A	A	A	--	A	--	Freon 113	C	B	A	B	X	A	X	A	A	X	
Ex-Tri	X	--	--	X	X	X	--	A	A	--	--	Freon 114	A	A	A	A	C	A	A	A	X		
Exxon 2380 Turbo Oil	--	--	--	--	--	--	X	A	A	A	--	Freon 114B2	X	--	A	B	X	A	X	B	A	--	
Fat Lime	A	--	A	A	A	A	A	A	--	A	--	Freon 15	A	--	A	A	A	A	B	A	--		
Fatty Acids	C	--	C	B	C	C	X	X	A	A	C	Freon 142B	A	--	A	A	A	A	A	X	A	--	
Feran	B	--	B	B	B	--	--	--	A	--	--	Freon 152A	A	--	A	A	A	C	A	X	A	--	
Fermentation Amyl Alcohol	A	C	A	A	A	A	A	A	A	A	X	Freon 218	A	--	A	A	A	A	A	A	A	--	
Ferric Acetate	X	--	--	X	A	A	--	X	--	A	--	Freon C316	A	--	A	A	A	A	A	A	A	--	
Ferric Bromide	A	--	--	A	A	A	--	A	A	A	--	Freon C318	A	--	A	A	A	A	A	A	A	--	
Ferric Chloride	A	A	A	A	A	A	A	A	A	A	A	Freon 502	A	--	A	B	--	--	B	A	A	X	
Ferric Dichloride	A	A	A	A	A	A	A	A	A	A	A	Freon T-WD602	C	A	B	B	A	B	B	A	A	X	
Ferric Hydroxide	C	--	--	B	A	B	--	C	A	A	--	Freon BF	X	--	B	B	X	B	--	--	A	--	
Ferric Nitrate	A	--	A	A	A	A	A	A	A	A	C	Freon MF	X	C	C	A	X	X	--	--	A	--	
Ferric Perchloride	A	--	B	A	B	--	--	--	A	--	--	Freon TA	A	A	A	A	A	A	C	A	A	--	
Ferric Persulfate	A	--	A	A	A	--	--	--	A	--	--	Freon TC	X	A	A	A	A	A	B	A	A	X	
Ferric Salts	A	--	--	A	A	A	--	--	A	A	--	Freon TF	C	A	A	A	X	X	A	A	X		
Ferric Sesquichloride	A	A	B	A	A	A	A	A	A	A	A	Freon TMC	B	B	B	B	B	B	B	A	A	C	
Ferric Selenite	A	A	A	A	A	A	A	A	A	A	B	Fruit Juice	C	--	A	--	--	A	--	--	A	A	
Ferric Subsulfate	A	A	A	A	A	A	A	A	A	A	B	Fuel Oil	X	B	B	A	X	B	X	A	A	A	
Ferric Sulfate	A	--	A	A	A	A	A	A	A	A	B	Fuels-ASTM Ref: Fuel A	X	A	A	A	X	X	X	A	A	--	
Ferric Sulphate	A	--	A	A	A	A	A	A	A	A	B	Fuels-ASTM Ref: Fuel B	X	B	C	A	X	X	X	A	A	--	
Ferric Trichloride	A	A	B	A	A	A	A	A	A	A	A	Fuels-ASTM Ref: Fuel C	--	C	C	--	X	C	X	A	A	--	
Ferric Trisulfate	A	--	A	A	A	A	--	--	--	A	--	Fuels-ASTM #1 Oil	X	A	B	A	X	B	X	A	A	--	
Ferriferous Chloride	A	--	B	A	A	--	--	--	A	--	--	Fuels-ASTM #2 Oil	X	--	B	A	X	--	--	A	--		
Ferriferous Persulfate	A	--	A	A	A	--	--	--	A	--	--	Fuels-ASTM #3 Oil	X	B	B	A	X	C	X	A	A	--	
Ferro Acetate	X	--	--	X	A	A	--	X	A	--	--	Fumaric Acid	B	--	B	C	X	B	--	A	A	B	
Ferrou Ammonium Sulphate-30%	--	--	A	--	--	--	--	A	A	--	--	Fumarole Acid	A	A	A	A	A	A	A	A	A	A	
Ferrous Chloride	A	--	B	A	A	A	A	A	A	A	A	Furaldehyde	X	X	C	X	A	B	A	X	A	C	
Ferrous Hydroxide	C	--	--	B	A	B	--	C	A	A	--	Furan	X	--	X	X	X	X	X	C	A	--	
Ferrous Nitrate	A	--	A	A	A	--	--	--	A	--	--	Furfural (Furfrol)	X	X	C	X	A	C	A	X	A	C	
Ferrous Sulfate	A	--	A	A	A	A	A	A	A	A	A	Furfuraldehyde	X	X	C	X	A	C	A	X	A	C	
Ferrous Sulfide	A	--	--	A	A	A	--	A	A	A	--	Furfuran	X	--	X	X	X	X	X	C	A	--	
Filter Alum	A	--	A	A	A	A	--	--	--	A	--	Furfuryl Alcohol	--	--	--	C	--	--	X	A	--		
Firedamp	X	B	B	A	X	B	X	X	A	A	X	Furylcarbinol	X	X	C	X	A	C	A	X	A	--	
Firwood Oil	X	--	X	B	X	X	X	X	A	A	--	Fusel Oil	A	C	A	A	A	A	A	A	A	X	
Fish Oil	--	--	--	A	--	--	--	--	A	A	A	Fyrquel 220	--	--	--	--	--	--	A	A	A	--	
Flaxseed Oil	X	B	B	A	B	B	A	B	A	A	X	Gallic Acid	A	X	C	X	B	B	B	A	A	--	
Flores Martis	A	--	B	A	A	A	--	--	--	A	--	Gallotannic Acid	A	A	A	C	B	A	B	A	A	B	
Fluoroboric Acid	A	--	B	A	B	A	A	C	A	A	A	Gasoline (Gasolene)	X	B	B	A	X	X	X	A	A	C	
Fluorinated Cyclic Ethers	--	--	--	--	B	--	A	A	A	A	--	Gasoline-40% Aromatic	X	--	B	B	X	X	X	A	A	--	
Fluorine (Liquid)	X	--	C	X	X	X	C	B	A	A	X	Gasoline-65 Octane	X	B	B	A	X	X	X	A	A	--	
Fluorobenzene	X	--	X	X	X	X	X	X	A	A	X	Gasoline-100 Octane	X	--	B	A	X	X	X	A	A	--	
Fluorocarbon Oils	--	--	--	--	A	--	A	--	A	--	A	Gaultheria Oil	X	--	X	X	B	--	C	B	A	--	
Fluorochloroethylene	X	--	X	X	X	X	--	--	--	A	--	Gelatin	A	A	A	A	A	A	A	A	A	--	
Fluorolube	X	--	A	C	C	A	A	B	A	B	A	Generator Gas	C	A	B	A	B	B	C	A	A	B	
Fluoromethane	X	--	X	X	B	--	A	--	A	--	A	German Salt peter	A	X	A	A	A	A	A	A	A	B	
Fluosilicic Acid	A	B	B	B	A	A	B	A	B	A	A	Gibbsite	A	--	A	B	A	B	A	C	A	--	
Formaldehyde	B	X	B	B	A	A	A	A	A	A	A	Glacial Acetic Acid	C	C	C	C	B	C	B	C	A	B	
Formalin	B	X	B	B	A	A	A	A	A	A	A	Glauber's Salt	A	A	A	A	A	A	A	A	A	A	
Formamide (Formylamine)	A	--	A	A	A	--	A	X	A	--	A	Gluconic Acid	X	--	C	C	B	--	--	A	A	--	
Formic Acid (Formylic Acid)	C	X	B	C	A	A	B	C	A	B	A												
Formic Aldehyde-40%	B	X	B	B	A	A	A	A	A	A	A												

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Glucose	A	A	A	A	A	A	A	A	A	A	A	X	A	B	A	X	B	C	A	A	C
Glue	B	A	A	A	B	A	B	A	A	A	A	--	--	X	C	B	A	B	A	A	--
Glycerin (Glycerine)	A	A	A	A	A	A	A	A	A	A	A	A	--	--	X	C	C	A	A	A	X
Glycerol	A	A	A	A	A	A	A	A	A	A	A	B	X	X	A	A	A	A	A	A	--
Glyceryl Hydroxide	A	A	A	A	A	A	A	A	A	A	A	B	--	X	X	A	--	--	A	A	--
Glyceryl Triacetate	B	X	A	A	A	B	A	C	A	A	--	X	B	X	B	X	X	A	A	A	X
Glyceryl Trioleate	X	--	C	B	B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Glycogenic Acid	X	--	--	C	C	B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Glycol	A	B	A	A	A	A	A	A	A	A	A	C	--	--	X	X	--	X	A	A	--
Glycol Acetate	C	X	X	C	A	X	A	A	A	A	C	--	--	B	A	X	B	X	A	A	--
Glycol Alcohol	A	--	B	B	A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Glycol Butyl Ether	X	--	C	B	A	B	A	C	A	A	--	--	--	--	--	--	--	--	--	--	--
Glycol Chlorhydrin	C	--	B	X	B	B	A	B	A	B	C	--	--	--	--	--	--	--	--	--	--
Glycol Bromide	X	--	X	X	X	X	C	B	B	A	--	--	--	--	--	--	--	--	--	--	--
Glycol Dichloride	X	X	X	X	C	X	C	B	B	A	C	--	--	--	--	--	--	--	--	--	--
Glycol Ethyl Ether	X	--	C	C	A	B	A	B	A	B	A	--	--	--	--	--	--	--	--	--	--
Glycol Monoacetate	C	X	X	C	A	X	A	A	A	A	C	--	--	--	--	--	--	--	--	--	--
Graham's Salt	A	--	A	A	A	A	--	--	--	--	A	--	--	--	--	--	--	--	--	--	--
Grain Alcohol	A	X	A	A	A	A	A	A	A	B	A	--	--	--	--	--	--	--	--	--	--
Grain Oil	A	C	A	A	A	A	A	A	A	A	A	X	--	--	--	--	--	--	--	--	--
Grease	X	--	B	A	X	C	X	A	A	A	A	--	--	--	--	--	--	--	--	--	--
Green Copperas (Vitrol)	A	A	A	A	A	A	A	A	A	A	A	B	--	--	--	--	--	--	--	--	--
Green Liquor	A	A	A	A	A	A	A	A	A	A	A	--	--	--	--	--	--	--	--	--	--
Green Sulfate Liquor	A	A	A	A	A	A	A	A	A	A	A	--	--	--	--	--	--	--	--	--	--
Grey Acetate	B	--	B	B	A	A	A	A	X	A	A	--	--	--	--	--	--	--	--	--	--
Halite	A	A	A	A	A	A	A	A	A	A	A	A	--	--	--	--	--	--	--	--	--
Halowax Oil	X	--	X	X	X	X	X	X	A	A	X	--	--	--	--	--	--	--	--	--	--
Hartshorn	A	--	B	X	A	B	A	A	A	A	B	--	--	--	--	--	--	--	--	--	--
Heavy Benzine	X	--	B	A	X	X	X	X	A	A	A	--	--	--	--	--	--	--	--	--	--
Hepr Clasic	A	A	B	A	A	A	A	A	A	A	B	--	--	--	--	--	--	--	--	--	--
Heptachlor in Petroleum Solvent:	--	--	--	C	--	--	--	--	A	A	--	--	--	--	--	--	--	--	--	--	--
Heptanal	X	--	--	A	X	X	X	--	X	A	A	--	--	--	--	--	--	--	--	--	--
n-Heptane	X	B	A	A	X	B	X	A	A	A	A	--	--	--	--	--	--	--	--	--	--
Heptane Carboxylic Acid	X	--	--	C	C	B	--	--	--	A	--	--	--	--	--	--	--	--	--	--	--
Heptyl Aldehyde	X	--	--	A	X	X	--	A	A	--	--	--	--	--	--	--	--	--	--	--	--
Heptyl Carbinol	B	X	B	A	B	A	A	B	A	B	A	B	--	--	--	--	--	--	--	--	--
Heptyl Hydride	X	--	A	A	X	B	X	A	A	A	--	--	--	--	--	--	--	--	--	--	--
Hexachlorodiphenylmethane	X	--	X	X	X	--	--	--	--	A	--	--	--	--	--	--	--	--	--	--	--
Hexahydrobenzene	X	A	B	A	X	B	X	A	A	X	--	--	--	--	--	--	--	--	--	--	--
Hexahydrophenol	C	--	A	B	X	C	C	A	A	A	--	--	--	--	--	--	--	--	--	--	--
Hexahydropyridine	X	--	X	X	X	X	X	C	A	A	--	--	--	--	--	--	--	--	--	--	--
n-Hexaldehyde	X	B	A	X	A	X	B	C	C	A	B	--	--	--	--	--	--	--	--	--	--
Hexalin	C	--	A	B	X	C	C	A	A	A	--	--	--	--	--	--	--	--	--	--	--
Hexamethylene	X	B	X	B	X	X	X	A	A	A	X	--	--	--	--	--	--	--	--	--	--
Hexanaphthene	X	A	B	A	X	B	X	A	A	A	X	--	--	--	--	--	--	--	--	--	--
Hexane	X	B	B	A	X	B	X	A	A	A	--	--	--	--	--	--	--	--	--	--	--
n-Hexane	X	B	B	A	X	B	X	A	A	A	--	--	--	--	--	--	--	--	--	--	--
Hexanedioic Acid	A	--	X	B	X	--	--	--	A	--	--	--	--	--	--	--	--	--	--	--	--
Hexanol	A	X	B	A	B	A	B	B	B	A	B	--	--	--	--	--	--	--	--	--	--
Hexan-3-One	X	--	--	X	B	X	--	X	A	A	--	--	--	--	--	--	--	--	--	--	--
n-Hexene-1	X	A	B	A	X	B	X	A	A	A	X	--	--	--	--	--	--	--	--	--	--
Hexone (Hexon)	X	--	X	X	B	X	B	X	A	A	C	--	--	--	--	--	--	--	--	--	--
Hexyl Acetic Acid	C	--	--	C	C	B	--	--	--	A	--	--	--	--	--	--	--	--	--	--	--
Hexyl Alcohol	A	X	B	A	B	A	B	B	B	A	B	--	--	--	--	--	--	--	--	--	--
Hexyl Hydride	X	B	B	A	X	B	X	A	A	A	--	--	--	--	--	--	--	--	--	--	--
Hexyl Methyl Ketone	X	--	--	X	B	X	--	X	A	A	--	--	--	--	--	--	--	--	--	--	--
Hexylamine	C	--	--	C	B	C	--	X	A	A	--	--	--	--	--	--	--	--	--	--	--
Hexylene	X	A	B	A	X	B	X	A	A	A	X	--	--	--	--	--	--	--	--	--	--
Hexylene Glycol	A	--	A	A	A	A	C	A	A	A	--	--	--	--	--	--	--	--	--	--	--
Hi-Tri	X	--	--	X	X	X	--	A	A	A	--	--	--	--	--	--	--	--	--	--	--
Hydargylite	A	--	A	B	A	B	A	C	A	A	--	--	--	--	--	--	--	--	--	--	--
Hydrygum	A	A	A	A	A	A	A	A	A	A	A	--	--	--	--	--	--	--	--	--	--
Hydrated Garya	A	A	A	A	A	A	A	A	A	A	A	--	--	--	--	--	--	--	--	--	--
Hydrated Lime	A	A	A	A	A	B	A	A	A	A	A	--	--	--	--	--	--	--	--	--	--
Hydraulic Fluids (Pydraulics)	X	A	X	X	A	X	B	A	A	A	B	--	--	--	--	--	--	--	--	--	--

A - EXCELLENT

B - GOOD

C - CONDITIONAL

X - NOT RECOMMENDED

-- - INSUFFICIENT INFORMATION



MEDIA PIPED/PUMPED		"TUBE" ELASTOMER							MEDIA PIPED/PUMPED		"TUBE" ELASTOMER											
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Iodobutane	X	-	X	X	--	--	--	--	A	--		Keto Hexamethylene	X	--	X	X	C	X	B	X	A	-
Iodoethane	X	-	X	X	C	--	--	C	B	A	--	Ketones: Aliphatic, Saturated	B	X	C	X	A	B	A	X	A	C
Iodoform	--	-	-	-	A	--	A	--	A	--		Ketones: Aliphatic, Unsaturated	X	X	X	X	B	X	A	X	A	-
Iodopentane	X	-	X	X	X	X	X	X	--	A	--	Ketones: Aromatic	C	X	X	X	A	X	A	X	A	-
Iron Acetate	X	-	-	X	A	A	-	X	A	--		Ketopropane	X	-	X	X	A	-	-	A	-	
Iron Chloride	A	A	B	A	A	A	A	A	A	A	A	Krystallin	X	C	C	X	A	C	B	A	A	B
Iron Dichloride	A	A	B	A	A	A	A	A	A	A	A	Kurrol's Salt	A	-	A	A	-	-	-	A	-	
Iron Hydroxide	C	--	--	B	A	B	--	C	A	--		Kyanol	X	C	C	X	A	C	B	A	A	B
Iron Monosulfide	A	--	--	A	A	A	--	A	A	--		Labarraque's Solution 20%	X	X	X	X	C	--	-	-	A	-
Iron Nitrate	A	-	A	A	A	A	A	A	A	A	C	Lacquer Solvents	X	X	X	X	X	X	X	X	A	X
Iron Perchloride	A	-	B	A	A	--	--	--	A	--		Lacquer Solvents (Synthetic)	X	--	X	X	X	X	-	X	A	-
Iron Persulfate	A	--	A	A	A	--	--	--	A	--		Lacquers	X	X	X	X	C	X	X	X	A	X
Iron Protocloride	A	A	B	A	A	A	A	A	A	A		Lacquers (Synthetic)	X	--	X	X	X	X	-	X	A	-
Iron Salts	A	--	--	A	A	A	--	A	A	A		Lactic Acid (Cold)	C	B	B	C	B	A	B	A	A	A
Iron Sesquichloride	A	A	B	A	A	A	A	A	A	A		Lactic Acid (Hot)	C	--	C	C	B	C	C	C	A	-
Iron Sulfate	A	-	A	A	A	A	A	A	A	A		Lactol	X	--	X	C	X	B	-	A	A	-
Iron Sulfide	A	-	--	A	A	A	--	A	A	--		Lard	X	A	B	A	X	C	C	A	A	B
Iron Susquisulfate	A	A	A	A	A	A	A	A	A	B		Laughing Gas	A	--	--	A	A	A	-	A	A	-
Iron Tersulfate	A	A	A	A	A	A	A	A	A	B		Liquor Alcohol	A	--	--	A	A	A	-	B	A	-
Iron Trichloride	A	A	B	A	A	A	A	A	A	A		Lavender Oil	X	--	C	B	X	--	C	B	A	-
Iron Vitrol	A	A	A	A	A	A	A	A	A	B		Layer Caranga	A	--	B	B	A	--	--	A	-	
Isoamyl Acetate	X	X	X	X	B	C	B	B	X	A		Lead Acetate	B	--	A	B	A	A	A	X	A	X
Isoamyl Acetic Ester	C	X	X	X	B	C	B	X	A	X		Lead Chloride	B	--	B	--	A	--	-	A	-	
Isoamyl Alcohol	A	C	A	A	A	A	A	A	A	X		Lead Nitrate	B	--	B	B	A	A	A	A	B	
Isoamyl Bromide	X	-	X	X	X	X	X	B	A	--		Lead Styphnate	B	--	A	B	A	--	-	A	-	
Isoamyl Butyrate	X	-	--	X	C	X	X	--	X	A		Lead Sulfamate	B	--	A	B	A	A	A	A	A	B
Isoamyl Chloride	X	-	X	X	C	X	X	X	A	A		Lead Sulfate	A	--	A	B	A	A	A	A	A	-
Isoamyl Ether	X	--	X	C	X	C	X	--	A	--		Lead Tetraethyl	X	--	X	B	X	X	X	A	A	-
Isoamyl Phthalate	X	--	X	A	X	X	--	C	A	--		Lead Trinitro Resorcinol	B	--	A	B	A	--	-	A	-	
Isobutane	X	--	--	A	X	X	--	A	A	--		Leucogen	A	--	A	A	A	A	A	A	A	A
Isobutanol	B	X	B	B	A	A	A	A	B	A		Lichenic Acid	C	--	--	X	--	--	--	A	-	
Isobutyl Acetate	X	--	X	X	B	C	C	X	A	--		Light Aniline	X	C	C	X	A	C	B	A	A	B
Isobutyl Alcohol	B	X	B	B	A	A	A	B	A	A		Ligroin (Ligroine)	X	--	B	A	X	X	X	A	A	A
Isobutyl Aldehyde	C	C	C	X	B	X	B	X	B	A		Lime	A	--	A	A	A	A	--	A	-	
Isobutyl Amine	C	--	X	A	C	--	X	A	--		Lime, Agricultural	A	A	A	A	B	A	A	A	A	A	
Isobutyl Bromide	X	-	--	X	X	X	--	B	A	--		Lime, Caustic	A	A	A	A	A	B	A	A	A	A
Isobutyl n-Butyrate	--	-	X	--	--	--	--	C	A	--		Lime, Soda	A	C	B	B	A	B	A	B	A	C
Isobutyl Carbinol	A	C	A	A	A	A	A	A	A	X		Lime and Water	A	A	A	A	B	A	A	A	A	A
Isobutyl Chloride	X	--	--	X	X	X	--	B	A	--		Lime Acetate	C	--	X	B	A	--	--	A	-	
Isobutyl Ether	X	--	--	B	X	B	--	--	A	--		Lime Bisulfite	C	A	A	A	B	A	C	A	A	C
Isobutylene	X	--	--	C	X	X	--	A	A	--		Lime Bleach	B	--	B	A	A	B	A	A	A	B
Isobutyric Acid	A	--	B	X	A	--	A	--	A	--		Lime Hydrate	A	A	A	A	B	A	B	A	A	A
Isododecane	X	B	A	B	C	A	X	A	A	--		Lime Nitrate	A	A	A	A	A	A	A	A	A	B
Isooctane	X	B	B	A	X	B	X	A	A	X		Lime Saltpeter	A	A	A	A	A	A	A	A	A	B
Isopentane	X	--	A	X	X	X	--	A	A	--		Lime Sulfur-Dry	X	--	A	X	C	B	C	A	A	A
Isophorone	X	B	X	X	A	--	C	X	A	--		Lime Sulfur-Wet	B	--	A	A	C	B	C	A	A	-
Isopropanol	A	X	A	B	A	A	B	A	A	A		Limestone	A	--	A	A	A	A	A	A	A	-
Isopropanol Amine	B	--	B	A	C	--	--	A	--		Limonene	X	--	X	C	X	X	X	A	A	-	
Isopropyl Acetate	X	A	X	X	B	X	B	X	A	--		Lindol	C	C	C	X	A	C	A	B	A	C
Isopropyl Alcohol	A	X	A	B	A	A	B	A	A	--		Linool	X	--	X	X	X	--	--	A	-	
Isopropyl Amine	B	--	X	B	C	--	X	A	--		Linoleic Acid (Linolenic Acid)	X	--	X	B	X	C	X	A	A	B	
Isopropyl Benzene	X	--	X	X	X	X	X	A	A	--		Linolinic Acid	X	--	X	B	X	C	X	A	A	B
Isopropyl Carbinol	B	X	B	B	A	A	A	B	A	--		Linseed Oil	X	B	B	A	A	B	B	A	A	X
Isopropyl Chloride	X	X	X	X	X	X	X	B	A	C		Liquefied Petroleum Gas	X	A	B	A	X	B	X	A	A	C
Isopropyl Dienacetone	X	--	X	X	X	--	--	--	A	--		Liquid Oxygen	X	--	X	X	X	--	--	A	-	
Isopropyl Ether	X	B	C	C	X	C	X	C	A	--		Liquid Rosin (Retinol)	X	--	A	A	X	B	--	A	A	-
Isopropyl Methyl Benzenes	X	--	X	X	X	X	X	A	A	X		Liquid Soap	A	--	A	A	A	A	A	A	A	-
Isopropyl Toluene	X	--	X	X	X	X	X	A	A	X		Luboil-Lube Oils	X	B	B	A	X	C	X	A	A	C
Japanese Gelatin	A	--	B	B	A	--	--	--	A	--		Lubricating Oils (crude & refined)	X	B	B	A	X	C	X	A	A	B
Jet Fuels (JP1 to JP6)(A & A1)	X	C	C	A	X	C	X	A	A	X		Lye	B	C	B	C	A	B	B	B	A	B
Jew's Pitch	X	B	B	A	X	B	X	A	A	X		Lysol	A	--	B	B	A	--	--	A	-	
Kallauge	B	B	B	C	A	B	C	B	C	A		Macassar Gum (Oil)	A	--	B	B	A	--	--	A	-	
Kalinite	A	--	A	A	A	A	A	A	A	A		Maddrell's Salt	A	A	B	B	A	A	A	A	A	C
Kandol	X	B	B	A	X	X	X	A	A	C		Magnesium Acetate	X	--	--	X	A	A	--	X	A	-
Kerosene (Kerosine)	X	C	B	A	X	C	X	A	A	X		Magnesium Ammonium Sulfate	--	--	A	--	--	A	A	A	A	-

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MEDIA PIPED/PUMPED		"TUBE" ELASTOMER							MEDIA PIPED/PUMPED		"TUBE" ELASTOMER											
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	
Magnesium Bisulfite	B	--	B	B	B	B	--	--	--	A	--	Methyl Formate	X	--	B	X	B	C	A	X	A	B
Magnesium Carbonate	A	--	A	A	A	A	C	A	A	A	A	Methyl Hexane	X	--	A	A	X	B	X	A	A	--
Magnesium Chloride	A	A	A	A	A	A	A	A	A	A	A	Methyl Hexanol	A	--	--	A	A	A	--	B	A	--
Magnesium Hydrate	A	A	B	B	A	A	A	A	B	A	B	Methyl Hexanone	X	--	--	X	B	X	--	X	A	--
Magnesium Hydroxide	A	A	B	B	A	A	A	A	A	A	B	Methyl Hexyl Carbinol	X	--	X	B	X	--	--	A	A	--
Magnesium Nitrate	A	--	A	A	A	A	A	A	A	A	A	Methyl Hexyl Ketone	X	--	--	X	B	X	--	X	A	--
Magnesium Oxide	--	--	A	--	--	--	--	--	A	A	A	Methyl Hydrate	A	X	A	A	A	B	C	A	A	--
Magnesium Sulfate	A	--	A	A	A	A	A	A	A	A	A	Methyl Hydride	X	B	B	A	X	B	X	A	A	X
Maize Oil	X	A	B	A	A	B	A	A	A	A	A	Methyl Hydroxide	A	X	A	A	A	B	C	A	A	A
Maleic Acid	B	--	A	X	C	C	C	A	A	A	A	Methyl Iodide	A	--	X	X	A	--	A	--	A	--
Maleic Anhydride	B	--	--	--	C	--	C	A	A	A	A	Methyl Isobutyl Carbinol	B	--	A	B	A	A	A	C	A	--
Maleinic Acid-25%	C	--	X	X	X	--	--	--	--	A	--	Methyl Isobutyl Ketone	X	--	X	X	B	X	B	X	A	C
Malic Acid	A	--	C	B	X	B	X	A	A	A	B	Methyl Isopropyl Ketone	X	--	X	X	B	X	C	X	A	C
Malonyl Nitrile	A	--	A	A	A	--	A	--	A	A	A	Methyl Methacrylate	X	--	X	X	C	A	C	X	A	C
Malt Salt	B	--	B	B	A	--	--	--	A	--	A	Methyl Methane	X	B	B	A	X	B	X	A	A	X
Manganese Sulfate	B	--	A	A	A	A	--	A	A	A	--	Methyl Normal Amyl Ketone	X	--	--	X	B	X	--	X	A	--
Manganese Sulfide	C	--	--	A	A	A	A	--	A	A	--	Methyl Oleate	X	--	X	X	B	--	C	B	A	--
Manganese Sulfite	C	--	--	A	A	A	A	--	A	A	--	Methyl Phenol	X	X	X	C	X	B	X	A	A	C
Maple Sugar Liquors	A	X	A	A	A	A	A	A	A	A	A	Methyl Polysiloxanes	X	--	X	A	X	--	--	A	--	A
Marsh Gas	X	B	B	A	X	B	X	A	A	A	X	Methyl Propanol	A	X	A	A	A	A	A	A	A	B
Master Kill Emulsion	--	--	A	A	A	A	--	--	C	A	--	Methyl Propyl Benzene	X	--	X	X	X	--	--	A	--	A
M.E.A.	C	--	C	C	B	--	--	--	A	--	A	Methyl Propyl Carbinol	A	--	--	A	A	A	--	B	A	--
M.E.K.	X	X	X	X	B	X	A	X	A	C		Methyl Propyl Ether	X	--	--	X	X	B	--	--	A	--
Mercuric Chloride	B	--	B	A	A	A	A	A	A	A	A	Methyl Propyl Ketone	X	--	X	X	B	X	B	X	A	--
Mercuric Cyanide	A	--	B	B	A	A	A	A	A	A	A	Methyl Salicylate	X	--	X	X	B	--	C	B	A	--
Mercurous Nitrate	A	--	B	B	A	A	A	A	A	A	A	Methylacetal	B	X	C	X	A	B	A	X	A	A
Mercury	A	A	A	A	A	A	A	A	A	A	A	Methylacrylic Acid	X	--	B	--	B	--	B	B	A	--
Mercury Bichloride	B	--	B	A	A	A	A	A	A	A	A	Methyllally Acetate	X	--	--	X	A	B	--	X	A	--
Mercury Chloride	B	--	B	A	A	A	A	A	A	A	A	Methyllallyl Chloride	X	--	--	X	C	X	--	C	A	--
Mercury Vapor	X	--	X	X	X	--	--	--	A	--	A	Methylated Spirits	A	X	B	A	A	A	B	B	A	A
Mesityl Oxide	X	--	X	X	C	X	B	X	A	A	X	Methylene Bromide	X	--	X	X	X	X	--	B	A	--
Methadiene	X	--	X	C	X	X	X	X	A	A	--	Methylene Chloride	X	X	X	X	X	X	C	B	A	--
Methylallyl Alcohol	A	--	--	A	A	A	A	--	B	A	--	Methylene Chlorobromide	X	--	X	X	X	X	--	--	A	--
Methanal-40%	B	X	B	B	A	A	A	A	A	A	A	Methylene Dichloride	X	--	X	X	X	X	--	--	A	--
Methanamide	A	--	A	A	A	--	A	X	A	A	--	M.I.B.K.	X	X	X	X	B	X	B	X	A	C
Methane	X	B	B	A	X	B	X	X	A	A	X	Milk (Whole)	B	X	A	B	A	A	A	A	A	A
Methanol	A	X	A	A	A	B	A	B	C	A	A	Milk Acid-50%	C	B	B	C	B	A	B	A	A	A
Methyl Acetate	X	--	C	X	B	B	A	X	A	X	A	Milk of Magnesia	A	A	B	B	A	A	A	B	A	B
Methyl Acetoacetate	X	--	--	X	B	X	--	X	A	--	--	Mineral Naphtha	X	C	C	A	X	C	X	A	A	C
Methyl Acetone	C	--	--	X	B	X	--	X	A	--	A	Mineral Oil	X	A	B	A	X	B	X	A	A	A
Methyl Acrylate	X	--	C	X	C	--	B	X	A	A	--	Mineral Pitch	X	B	B	A	X	B	X	A	A	X
Methyl Acrylic Acid	X	--	B	--	B	--	B	B	B	A	--	Mineral Spirits	X	--	C	A	X	B	X	A	A	--
Methyl Alcohol	A	X	A	A	A	A	A	A	B	A	A	Mineral Thinner	X	--	X	X	X	--	--	A	--	--
Methyl Alcohol-Wood	A	--	A	A	A	A	A	--	X	A	A	Mirabilite	A	A	A	A	A	A	A	A	A	A
Methyl Amine	A	--	A	B	A	X	A	--	A	--	A	Mittel H.N.A.	C	X	X	X	A	X	A	X	A	--
Methyl Amyl Acetate	X	--	X	X	C	B	X	--	X	A	--	Mobil XRM 206A	--	--	--	--	--	--	A	A	--	
Methyl Amyl Alcohol	A	--	--	A	A	A	A	--	X	A	--	Molasses	A	X	A	A	A	A	A	A	A	A
Methyl Amyl Carbinol	A	--	--	A	A	A	A	--	B	A	--	Molten Sulfur	B	B	A	B	B	A	A	A	A	B
Methyl Amyl Ketone	X	--	--	X	B	X	--	X	A	--	A	Molysite	A	A	B	A	A	A	A	A	A	A
Methyl Aniline	A	--	A	A	A	--	A	--	A	--	A	Monoammonium Phosphate	A	--	A	A	A	A	A	A	A	A
Methyl Benzene	X	X	X	C	X	X	X	X	A	A	X	Monobromobenzene	X	--	X	X	X	X	--	A	A	X
Methyl Bichloride	X	X	X	X	X	X	X	C	B	A	--	Monobromo Trifluoromethane	X	--	X	X	X	X	--	--	A	--
Methyl Bromide	C	--	X	C	B	X	A	A	A	A	--	Monobutyl Ether	X	--	C	C	X	--	X	A	--	--
Methyl Butanol	A	--	A	A	A	A	--	B	A	A	--	Monochloroethane	B	C	B	A	B	C	A	A	C	--
Methyl Butonone	X	--	--	X	B	X	--	X	A	A	--	Monochloroacetic Acid	B	--	X	X	B	X	--	--	A	--
Methyl Butyl Ketone	X	--	X	X	B	X	B	X	A	A	B	Monochloroacetone	X	--	C	X	C	B	X	B	A	--
Methyl Butyrate	X	--	X	X	X	--	X	--	A	--	A	Monochlorobenzene	X	--	X	X	X	X	X	A	A	X
Methyl Carbitol	X	--	--	C	A	A	A	--	--	A	--	Monochlorodifluoromethane	X	--	X	X	C	X	--	X	A	--
Methyl Cellosolve	X	--	A	C	A	B	B	X	A	A	--	Monochlorophenol	X	--	X	X	X	X	X	B	A	--
Methyl Chloride	X	--	X	X	C	X	C	B	A	A	X	Monochlorotrifluoromethane	X	--	X	X	X	--	--	A	--	--
Methyl Cyanide	B	--	A	C	A	B	A	X	A	A	--	Monoethanolamine	B	C	C	B	A	B	C	A	B	--
Methyl Cyclohexane	X	--	--	X	X	X	--	B	A	A	--	Monoethyl Amine	C	--	C	B	C	--	X	A	--	--
Methyl Cyclopentane	X	--	C	B	X	X	X	A	A	A	--	Monoisopropanol Amine	B	--	B	A	C	--	--	A	--	--
Methyl Ether	X	--	--	A	C	B	--	--	A	--	A	Monomethyl Amine	X	--	X	X	X	X	C	A	--	--
Methyl Ethyl Ketone	X	X	X	X	B	X	A	X	A	C												

A - EXCELLENT

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--- INSUFFICIENT INFORMATION



MEDIA PIPED/PUMPED		"TUBE" ELASTOMER								MEDIA PIPED/PUMPED		"TUBE" ELASTOMER											
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Monomethyl Aniline	X	--	X	X	X	X	X	X	C	A	--	Nitroanthic Acid	C	B	C	C	A	B	A	A	A	X	
Monomethyl Ether	C	--	B	A	A	--	--	A	A	A	--	Nonanoic Acid	X	--	--	A	X	X	--	A	A	--	
Monosodium Acid Methanearsen:	--	--	A	--	A	--	--	--	--	A	--	Nonenes	X	--	--	A	X	X	--	A	A	--	
Monovinyl Acetate	X	--	X	X	--	--	--	--	--	A	--	Norge Niter	A	X	A	A	A	A	A	A	A	B	
Monovinyl Acetylene	B	--	B	A	A	B	A	A	A	A	B	Norge Salt peter	A	X	A	A	A	A	A	A	A	B	
Monsell's Salt	A	A	A	A	A	A	A	A	A	A	B	Norway Salt peter	A	X	A	A	A	A	A	A	A	B	
Morea Premic	A	--	--	-	A	--	--	--	--	A	--	Norwegian Salt peter	A	X	A	A	A	A	A	A	A	B	
Morrhua Oil	X	A	B	B	A	B	A	A	A	A	B	N.P.N.	--	--	--	B	--	--	--	A	--		
Mosaic Gold	A	--	--	A	A	A	--	--	--	A	--	Oakite Alkaline Materials	A	--	A	B	A	--	--	A	--		
Motor Spirits	X	B	B	B	X	B	X	X	A	A	X	Oakite-O.C. 31&32	C	--	--	--	--	--	--	A	--		
Muriate of Ammonia	A	A	A	A	A	A	A	A	A	A	B	Oakite-O.C. 33&34	X	--	X	--	--	--	--	--	A	--	
Muriatic Acid	A	--	X	X	C	B	C	A	A	A	--	Oakite-O.C. 36,84H, 84M	C	--	C	--	--	--	--	A	--		
Mustard Gas	A	--	A	--	A	A	A	A	A	A	A	Oakite-O.C. 85	X	--	X	--	--	--	--	A	--		
Muthmann's Liquid	X	--	X	X	X	--	--	--	A	--		Oakite-O.C. 88	X	--	C	--	--	--	--	A	--		
Naphtha	X	C	C	A	X	C	X	A	A	A	C	Oakite-O.C. 131	C	--	C	--	--	--	--	A	--		
Naphtha-Coal Tar	X	X	X	X	X	X	X	X	A	A	X	Oakite-Cryscoat FH Rinse	X	--	X	--	--	--	--	--	A	--	
Naphthalene (Naphthaline)	X	B	X	X	X	X	X	X	A	A	X	Oakite-0 Drycid & O.F.M. 184	C	--	C	--	--	--	--	A	--		
Naphthenic Acid	X	--	--	B	X	--	X	X	A	A	--	Oakite-0 Stripper S.A.	X	--	X	--	--	--	--	A	--		
Naphthylbenzene	X	--	X	X	X	--	--	--	A	--		Oakite Solvent Materials	X	--	X	X	X	--	--	A	--		
Natural Gas	C	B	A	A	C	A	C	A	A	A	B	Octachlorotoluene	X	X	X	X	X	X	X	A	A	X	
Havee	--	--	--	C	--	--	--	--	A	--		Octadecane	X	A	B	A	X	B	X	A	A	X	
Neet's Foot Oil	X	--	--	A	B	--	B	A	A	A	B	Octadecanoic Acid	X	A	B	C	B	B	A	B	A		
Neohexane	X	--	--	A	X	X	X	--	A	A	--	Octadecatrienoic Acid	X	--	X	C	B	--	--	A	--		
Neosol	A	--	A	A	A	--	--	C	A	--		Octafluoroclobutane	X	--	X	X	X	--	--	A	--		
Neu-Tri	X	--	--	X	X	X	--	A	A	--		Octane	X	--	A	X	X	--	A	A	--		
Neville Acid	X	--	C	C	B	--	B	A	A	A	--	n-Octane	X	--	--	A	X	X	X	A	A	X	
Nevoll	X	--	C	C	A	--	B	B	A	A	--	Octanol	B	--	A	A	B	B	X	B	A	--	
Nickel Acetate	A	--	B	B	A	A	A	A	A	A	--	2-Octanone	X	--	--	X	B	X	--	X	A	--	
Nickel Ammonium Sulphate	--	--	A	--	--	--	--	A	A	A	--	n-Octene-2	--	--	C	--	--	--	A	A	--		
Nichel Chloride	A	--	A	A	A	A	A	A	A	A	--	Octoic Acid	C	--	C	C	B	--	--	A	--		
Nickel Nitrate	A	--	A	A	A	A	A	A	A	A	--	Octyl Acetate	X	--	--	X	A	A	--	X	A	--	
Nickel Salts	A	--	A	A	A	A	--	--	--	A	--	Octyl Alcohol	B	X	B	A	B	A	B	A	B		
Nickel Sulfate	A	A	A	A	A	A	A	A	A	A	A	n-Octyl Alcohol	B	--	A	A	B	A	X	B	A	--	
Nickelous Sulfate	A	A	A	A	A	A	A	A	A	A	A	Octyl Aldehyde	X	--	--	X	C	X	--	X	A	--	
Nicotine Bentonite	A	--	A	A	A	--	C	A	--			Octyl Amine	C	--	C	A	C	--	X	A	--		
Nicotine Sulfate	A	--	A	A	A	--	--	C	A	--		Octyl Carbinol	A	--	--	A	A	A	--	B	A	--	
Niter-Potassium Nitrate	A	A	A	A	A	A	A	A	A	A	A	Octylene Glycol	A	--	--	A	A	A	--	A	A	--	
Niter-Sodium Nitrate	B	--	B	C	A	A	A	A	A	A	C	Octylic Acid	C	--	--	C	C	B	--	--	A	--	
Niter Cake	A	--	A	A	A	A	A	A	A	A	A	Octylic Alcohol	B	X	B	A	B	A	A	B	A	B	
Nitrana 2&3	B	--	B	B	B	--	--	C	A	--		Oil of Acetone	B	X	C	X	A	B	A	X	A	A	
Nitratine	B	--	B	C	A	A	A	A	A	A	C	Oil of Bitter Almonds (Artificial)	X	X	X	X	C	X	C	A	A	C	
Nitric Acid-10%, 7.5 BE	X	C	B	X	A	A	B	A	A	A	B	Oil of Hartshorn	X	--	--	A	B	X	--	A	A	--	
Nitric Acid-25%	X	C	C	X	B	A	B	A	A	A	C	Oil of Mirbane	X	X	X	X	C	X	C	A	A	C	
Nitric Acid-35%, 26.0 BE	X	C	X	X	C	A	C	A	A	A	C	Oil of Palma Christi	B	A	A	A	A	B	A	A	A	A	
Nitric Acid-50%	X	C	X	X	C	B	X	A	A	A	X	Oil of Turpentine	X	X	C	A	X	X	X	A	A	C	
Nitric Acid-69%, 42.1 BE	X	X	X	X	X	X	B	X	B	A	X	Oil of Vitriol	X	--	X	X	X	C	C	A	A	X	
Nitric Acid-86%, 46.5 BE	X	X	X	X	X	X	X	X	B	A	X	Okonite	A	--	--	A	A	A	--	A	A	--	
Nitric Acid-Concentrated	X	X	X	X	X	X	B	X	B	A	X	Olefiant Gas	--	--	--	A	--	A	C	A	A	--	
Nitric Acid-Crude	X	--	X	X	C	C	--	A	A	A	X	Oleic Acid	X	B	C	A	B	B	A	A	A	X	
Nitric Acid-Dilute	X	C	B	X	A	A	C	A	A	A	B	Olein	X	--	C	B	B	--	--	A	--		
Nitric Acid-Red Fuming	X	X	X	X	X	X	X	B	A	A	X	Oleum	X	X	X	X	C	X	B	A	X		
Nitrobenzene	X	X	X	X	C	X	C	A	A	A	C	Oleum Lini	X	B	B	A	B	B	A	A	X		
Nitrobenzine	--	--	X	--	C	X	C	A	A	A	--	Oleum Spirits	X	C	X	C	X	C	C	A	A	X	
Nitrocalcite	A	X	A	A	A	A	A	A	A	A	B	Olive Oil	X	A	B	A	B	A	B	A	A	A	
Nitrocarbol	A	--	C	X	A	C	A	C	A	A	C	Orthoboric Acid	A	A	A	A	A	A	A	A	A	A	
Nitroethane	B	--	C	X	B	B	B	B	C	A	C	Orthodichlorobenzene	X	--	X	X	X	X	--	A	A	--	
Nitrogen	A	A	A	A	A	A	A	A	A	A	A	Orthodichlorobenzol	X	--	--	X	X	X	--	A	A	--	
Nitrogen Fertilizer Solution	A	--	B	B	B	--	--	--	A	--		Ortho-Hydroxybenzoic Acid	C	--	X	X	C	--	--	A	--		
Nitrogen Tetroxide	X	--	X	X	B	X	C	C	A	C		Orthoxylene	X	--	--	X	X	X	A	A	A		
Nitrohydrochloric Acid	X	--	X	X	C	B	C	A	A	A		Oxalic Acid	B	--	B	C	A	B	A	C	A	B	
Nitromethane	A	--	C	X	A	C	A	C	A	C		Oxyethylene Succinic Acid	A	--	C	B	X	B	X	A	A	B	
Nitromuriatic Acid	X	--	X	X	C	B	C	A	A	C		Oxygen-Cold	B	A	A	C	A	B	A	A	A	A	
1-Nitropropane	C	--	C	X	B	--	A	C	A	C		Oxygen-250-400 deg.F	X	X	X	X	X	X	B	A	B	B	
Nitrous Monoxide	A	--	--	A	A	A	--	A	A	A		Oxymethylene-40%	C	--	C	C	B	--	--	A	--		
Nitrous Oxide	A	--	--	A	A	A	--	A	A	A		Oxymuriate of Tin	A	B	A	B	A	B	A	A	A	B	

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-- INSUFFICIENT INFORMATION



MEDIA PIPED/PUMPED		"TUBE" ELASTOMER							MEDIA PIPED/PUMPED		"TUBE" ELASTOMER										
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Ozone	X	A	B	X	A	A	A	A	A	A	A										
Paint Thinner Duco	X	X	C	A	X	X	X	X	B	A	C										
Painter's Naphtha	X	--	X	X	X	X	--	--	--	A	--										
Palm Oil	X	--	C	A	B	B	--	--	A	A	--										
Palmitic Acid	C	A	B	A	B	B	B	A	A	A	C										
Paper Makers Alum.	A	--	A	A	A	A	--	A	A	A	--										
Para San 10%	A	--	A	B	A	A	--	C	A	A	--										
Paradichlorobenzene	X	--	X	X	X	X	X	X	A	A	--										
Paradichlorobenzine	X	--	X	X	X	X	X	X	A	A	--										
Paradichlorobenzol	X	--	X	X	X	X	X	X	A	A	--										
Paradihydroxybenzene	C	--	X	X	X	X	--	--	--	A	--										
Paraffins	X	--	--	A	X	X	X	X	A	A	--										
Parafom	X	--	B	B	B	B	--	--	C	A	--										
Paraformaldehyde	X	--	B	B	B	B	--	--	C	A	--										
Paraldehyde	C	--	B	C	A	X	A	X	X	A	--										
Paraxylene	X	C	X	C	X	X	X	X	A	A	X										
Paris Green & Lime 37%	--	--	A	A	A	B	--	A	A	A	--										
Patent Alum	A	--	A	A	A	A	A	A	A	A	A										
Peanut Oil	X	B	B	A	C	B	C	A	A	A	A										
Pear Alum	A	--	A	A	A	--	--	--	A	--											
Pear Oil	C	X	X	X	B	C	B	X	A	X											
Pearl Ash	A	--	A	A	A	A	A	A	A	A	--										
Pelargonic Acid	X	--	--	A	A	X	--	--	--	A	--										
Pentachlorodiphenyl	X	--	X	X	X	--	--	--	--	A	--										
Pentachlorodiphenyl Oxide	X	--	X	X	X	--	--	--	A	--											
Pentachloroethane	X	--	X	X	X	X	--	A	A	A	--										
Pentachloroethylbenzene	X	--	X	X	X	--	--	--	A	--											
Pentachlorophenol	X	--	X	X	A	--	X	A	A	--											
Pentachlorophenylbenzoate	X	--	X	X	X	X	--	--	--	A	--										
Pentadichlorodiphenyl Ketone	X	--	X	X	X	--	--	--	A	--											
Pentahydroxy Hexoic Acid	X	--	--	C	C	B	--	--	A	A	--										
Pentamethylene Amine	X	--	X	X	X	X	X	C	A	--											
Pentane	X	--	B	A	C	X	C	X	A	A	--										
n-Pentane, 2 Methyl, 3 Methyl	--	--	A	--	--	--	--	--	A	A	--										
2,4-Pentane Dione	C	B	X	X	B	X	A	X	A	--											
Pentanoic Acid	A	--	X	X	A	--	A	--	A	--	A										
Pentanol	A	C	A	A	A	A	A	A	A	A	X										
Pentanone	X	--	X	X	B	X	B	X	A	--											
Pentasol	A	--	A	A	A	A	--	A	--	A	--										
Pentasodium Triphosphate	X	--	X	X	--	--	--	--	A	--											
Pentene	X	--	A	B	X	X	X	X	A	A	--										
Pentene-2, 4-Methyl	--	--	B	--	--	--	--	--	A	A	--										
Pentyl Amine	C	--	X	C	B	C	X	X	A	--											
Pentyloxypentane	X	--	X	C	X	C	X	--	A	--											
Perchloric Acid	A	--	A	X	B	A	B	A	A	A	X										
Perchloroethylene	X	X	X	X	X	X	X	X	A	A	C										
Perchloromethane	X	--	X	X	X	--	--	--	A	--											
Permachlor	--	--	--	X	--	--	X	C	A	--											
Peroxide-3%	B	--	B	B	B	B	B	B	A	A	A										
Peroxide-10%	B	--	C	C	C	B	B	B	A	A	A										
Peroxide-30%	C	--	X	C	C	C	B	A	A	A	A										
Peroxide-90%	X	C	X	X	X	C	C	C	A	A	A										
Peroxoydol	B	--	B	B	A	A	A	A	A	A	B										
Peroxohydride	A	--	A	A	A	--	--	--	A	--											
Peru Saltpeter	B	--	B	C	A	A	A	A	A	A	C										
Petrol	X	B	B	A	X	X	X	X	A	A	C										
Petrolene	X	B	B	A	X	B	X	A	A	A	X										
Petroleum-Below 250 F	X	B	B	A	X	C	X	X	A	A	B										
Petroleum-Above 250 F	X	X	X	C	X	X	X	B	A	X											
Petroleum-Crude	X	B	C	A	X	X	X	A	A	A	C										
Petroleum Ether	X	B	B	A	X	X	X	X	A	A	C										
Petroleum Naphtha	X	--	B	A	X	X	X	X	A	A	A										
Petroleum Oils	X	--	B	A	X	X	--	A	A	A	--										
Petroleum Pitch	X	B	B	A	X	B	X	A	A	A	X										
Petroleum Spirit	X	--	B	A	X	X	X	A	A	A	A										

A - EXCELLENT

B - GOOD

C - CONDITIONAL

X - NOT RECOMMENDED

-- INSUFFICIENT INFORMATION



MEDIA PIPED/PUMPED	"TUBE" ELASTOMER								MEDIA PIPED/PUMPED	"TUBE" ELASTOMER											
CHEMICAL	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	CHEMICAL	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Plating Solution-Platinum	--	--	A	--	--	--	--	--	A	--	n-Propyl Acetate	X	--	X	X	B	--	A	X	A	--
Plating Solution-Silver	B	--	--	--	A	--	--	--	A	--	Propyl Acetone	X	--	X	X	A	--	--	A	A	--
Plating Solution-Tin	--	--	--	--	A	--	--	--	A	--	Propyl Alcohol	A	X	A	B	A	A	B	A	A	A
Plating Solution-Zinc	B	--	--	--	A	--	--	--	A	--	Propyl Aldehyde	C	--	--	X	B	X	--	X	A	--
Polyethylene Glycol	A	--	--	A	A	A	--	A	A	--	Propyl Chloride	X	--	--	X	C	X	--	B	A	--
Polyformaldehyde	X	--	X	X	X	--	--	--	A	--	Propyl Cyanide	X	--	X	X	A	--	A	--	A	--
Polyoxymethylene	X	--	B	B	B	--	--	C	A	--	Propyl Ethylene	X	--	A	C	X	--	X	--	A	--
Polypropylene Glycol	A	--	--	A	A	A	--	A	A	--	Propyl Formic Acid	X	--	X	X	X	--	--	--	A	--
Polyvinyl Acetate Emulsion	--	--	B	--	A	B	A	--	A	--	Propyl Nitrate	--	--	--	B	C	B	C	A	C	--
Potash	B	B	B	C	A	B	C	A	A	A	Propylene	X	--	X	X	X	X	X	A	A	--
Potash-Alum	A	--	A	A	A	A	A	A	A	A	Propylene Aldehyde	X	--	--	X	A	X	--	X	A	--
Potash-Caustic	B	B	B	C	A	A	B	C	A	A	Propylene Chloride	X	--	X	X	X	X	B	A	--	--
Potassa	B	B	B	C	A	A	B	C	A	A	Propylene Diamine	B	--	--	B	A	C	--	--	A	--
Potassium Acetate	B	--	B	B	A	B	A	B	A	--	Propylene Dichloride	X	--	X	X	X	X	X	B	A	--
Potassium Alum	A	--	A	A	A	A	A	A	A	A	Propylene Glycol	A	--	--	A	A	A	A	A	A	--
Potassium Aluminum Sulfate	A	--	A	A	A	A	A	A	A	A	Propylene Oxide	--	--	X	--	B	X	B	--	A	X
Potassium Bicarbonate	A	--	A	A	--	A	--	A	A	--	Protocloride	A	--	B	--	A	--	--	--	A	--
Potassium Bichromate	X	A	B	A	A	B	A	A	A	A	Prussic Acid	B	C	C	B	A	B	A	A	A	X
Potassium Bisulfate	A	--	A	A	A	A	A	--	A	A	Purina Woody Plant Spray 10%	X	--	X	X	X	--	--	C	A	X
Potassium Bisulfite	A	--	A	A	A	A	--	A	A	--	Purple Salt	X	--	X	B	B	--	--	--	A	--
Potassium Borates	A	--	A	A	A	A	A	A	A	A	Pyracetic Acid	C	--	C	C	A	B	B	A	A	A
Potassium Bromide	A	--	A	A	A	A	A	A	A	A	Pyranol	X	B	X	A	X	X	X	A	A	B
Potassium Carbonate	A	--	A	A	A	A	A	A	A	A	Pyranol 1467	--	--	C	A	--	--	X	A	A	--
Potassium Chlorate	A	--	A	A	A	A	A	A	A	A	Pyranol 1476	--	--	B	A	--	--	X	A	A	--
Potassium Chloride	A	A	A	A	A	A	A	A	A	A	Pydraul F-9	X	--	X	X	X	--	--	--	A	--
Potassium Chromate	--	--	--	--	B	C	--	--	A	--	Pydrauls (Hydraulic Fluid)	X	X	X	X	A	X	B	A	A	B
Potassium Chromic Sulfate	A	--	A	A	A	--	--	A	--	--	Pyrene	X	C	X	C	X	X	X	A	A	X
Potassium Cupro Cyanide	A	A	A	A	A	A	A	A	A	A	Pyrex	X	C	X	C	X	X	X	A	A	X
Potassium Cyanide	A	A	A	A	A	A	A	A	A	A	Pyridine	X	X	X	X	A	X	B	C	A	--
Potassium Dichromate	X	A	B	A	A	B	A	A	A	A	Pyridine Oil	--	--	--	X	--	--	X	A	--	--
Potassium Hydrate	B	B	B	C	A	A	B	C	A	A	Pyrite	A	--	--	A	A	A	--	A	A	--
Potassium Hydroxide	B	B	B	C	A	A	B	C	A	A	Pyroacetic Ether	X	--	X	X	A	--	--	--	A	--
Potassium Hypochlorite	C	--	C	X	C	B	--	--	A	--	Pyroacetic Spirit	B	X	C	X	A	B	A	X	A	A
Potassium Iodide	--	--	A	A	--	A	A	A	A	A	Pyrogallolcarboxylic Acid	A	X	C	X	B	B	B	A	A	--
Potassium Muriate	A	A	A	A	A	A	A	A	A	A	Pyrogallous Acid	C	--	C	C	B	B	B	A	A	A
Potassium Nitrate	A	A	A	A	A	A	A	A	A	A	Pyrogenous Spirit	A	X	A	A	A	B	C	A	A	A
Potassium Nitrite	A	A	A	A	A	A	A	A	A	A	Pyromucic Aldehyde	X	--	X	X	A	--	--	--	A	--
Potassium Oxide	A	--	A	B	A	--	--	--	A	--	Pyroxalic Spirit	A	X	A	A	A	B	C	A	A	A
Potassium Permanganate	A	--	C	C	A	B	A	A	A	--	Pyrrole	C	--	X	X	B	--	C	C	A	B
Potassium Phosphate	--	--	A	--	--	A	A	A	A	--	Quaternary Ammonium Salts	A	--	--	A	A	A	--	A	A	--
Potassium Silicate	A	--	A	A	A	A	A	A	A	A	Quickslime	A	--	A	A	A	A	A	--	A	--
Potassium Sulfate	A	A	A	A	A	A	A	A	A	A	Quicksilver	A	A	A	A	A	A	A	A	A	A
Potassium Sulfide	A	A	A	A	A	A	A	A	A	A	Quinol	B	--	X	C	X	A	--	C	A	--
Potassium Sulfite	A	--	A	A	A	A	A	A	A	A	Radiation	B	A	B	B	C	B	C	B	A	B
Potassium Sulphate	A	A	A	A	A	A	A	A	A	A	Rape Oil	X	B	B	A	B	A	A	A	A	X
Potassium Thiosulfate	A	--	A	A	--	A	--	A	A	A	Rapeseed Oil	X	B	B	B	A	B	A	A	A	X
Potato Oil	A	C	A	A	A	A	A	A	A	A	Raw Linseed Oil	X	B	B	A	B	B	B	A	A	X
Potato Spirit	A	C	A	A	A	A	A	A	A	A	Red Oil	X	B	C	A	B	B	B	A	A	X
Prestone	A	B	A	A	A	A	A	A	A	A	Red Potassium Chromate	X	--	X	B	A	--	--	--	A	--
Producer Gas	C	A	B	A	B	B	C	A	A	B	Retinol	--	A	A	B	A	B	--	A	A	--
Propane	X	B	B	A	X	B	X	A	A	C	Rhigolene	X	--	B	A	X	B	X	A	A	--
Propanediamine	B	--	--	B	A	C	--	--	A	--	Richfield "A" 100%	X	--	X	C	X	X	C	A	--	--
Propanediol	A	--	--	A	A	A	A	A	A	A	Richfield "D" 33%	X	--	B	B	B	--	X	C	A	--
Propanetriol	A	A	A	A	A	A	A	A	A	A	Ricinus Oil (Ricinine)	B	A	A	A	A	B	A	A	A	A
Propanol	A	X	A	B	A	A	B	A	A	A	Rock Salt	A	A	A	B	A	A	A	A	A	A
2-Propanone	B	X	C	X	A	B	A	X	A	A	Roman Vitroll	C	A	A	A	A	A	A	A	A	A
Propenal	B	--	--	B	A	B	--	A	A	A	Rosin Oil	--	A	A	X	B	--	A	A	A	--
Propene	X	--	X	X	X	X	X	A	A	A	Rotenone & H2O	A	--	A	A	--	--	A	A	A	--
Propene Oxide	--	--	X	--	B	X	B	--	A	X	Rum	A	X	A	A	A	A	B	A	A	A
Propenol	A	--	A	A	A	A	A	B	A	A	Saccharose	A	X	A	A	A	A	A	A	A	A
Propenyl Hydrate	A	A	A	A	A	A	A	A	A	A	Saccharum Amylaceum	B	A	B	B	A	A	A	A	A	A
Propenylanisole	X	--	X	X	X	X	--	B	A	--	Saccharum Solutions	A	X	A	A	A	A	A	A	A	A
Propionic Acid	A	--	X	X	A	--	A	--	A	--	SAE #10 Oil	X	A	B	A	X	C	C	A	A	--
Propionitrile	A	--	B	X	A	--	A	X	A	--	Sal Ammoniac	A	A	A	A	A	A	A	A	B	--
Propyl Acetate	X	--	X	X	B	C	C	X	A	C	Sal Chalybdis	A	--	A	A	A	A	A	A	A	--

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-- INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED		"TUBE" ELASTOMER							MEDIA PIPED/PUMPED		"TUBE" ELASTOMER															
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPEDM	VITON®	TEFLON®	SILICONE		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPEDM	VITON®	TEFLON®	SILICONE				
Salt Soda	A	--	A	A	A	A	A	A	A	A	A		Sodium Borate	A	--	A	A	A	A	A	A	A	A			
Sal Tartari	A	--	A	A	A	A	A	A	A	A	A		Sodium Bromides	A	--	--	A	A	--	--	A	A	--			
Sal Volatile	A	--	B	X	A	B	A	A	A	A	B		Sodium Carbonate	A	--	A	A	A	A	A	A	A	A			
Salicylic Acid	A	--	X	X	A	A	A	A	A	A	--		Sodium Carbonate-Anhydrous	A	--	A	A	A	A	A	A	A	A			
Salimiac (Salmiac)	A	A	A	A	A	A	A	A	A	A	B		Sodium Carbonate-Hydrated	A	--	A	A	A	A	A	A	A	A			
Saliter (Salitre)	B	--	B	C	A	A	A	A	A	A	C		Sodium Chlorate	A	--	B	A	B	A	A	A	A	--			
Salt	A	A	A	A	A	A	A	A	A	A	A		Sodium Chloride	A	A	A	A	A	A	A	A	A	A			
Salt Cake	A	A	A	A	A	A	A	A	A	A	A		Sodium Chromate	--	--	--	B	C	--	--	A	--	--			
Salt of Lemery	A	A	A	A	A	A	A	A	A	A	A		Sodium Cyanide	A	--	A	A	A	A	A	A	A	A			
Salt of Tarlar	A	--	A	A	A	A	A	A	A	A	--		Sodium Dichromate	X	A	B	--	A	B	A	A	A	A			
Salt of Vitriol	A	--	A	A	A	A	A	A	A	A	A		Sodium Dimetaborate	A	A	A	B	A	A	A	A	A	B			
Salt Water	A	A	B	B	A	A	A	A	A	A	A		Sodium Dioxide	B	X	B	B	A	A	B	A	A	C			
Salt peter-Ammonium Nitrate	A	X	A	A	A	A	A	A	A	A	B		Sodium Diphosphate	A	--	B	A	A	--	--	A	--	--			
Salt peter-Calcium Nitrate	A	X	A	A	A	A	A	A	A	A	A		Sodium Disulfite	B	--	A	A	A	--	--	A	--	--			
Salt peter-Potassium Nitrate	A	A	A	A	A	A	A	A	A	A	A		Sodium Fluhaluminate 10%	A	--	A	A	A	A	A	A	A	--			
Salt peter-Sodium Nitrate	B	--	B	C	A	A	A	A	A	A	C		Sodium Fluoride	A	--	A	A	A	--	A	A	A	--			
Sand Acid	A	B	B	B	A	A	B	A	A	A	X		Sodium Hexmetaphosphate	A	--	B	B	A	--	--	A	--	--			
Sanitisizer 160 (Monsanto)	X	--	--	--	--	--	A	B	A	A	--		Sodium Hydrate	A	C	B	C	A	B	A	B	A	C			
Sea Salt	A	A	A	A	A	A	A	A	A	A	A		Sodium Hydrochlorite	C	X	C	C	B	A	B	A	A	B			
Sea Water	A	A	B	B	A	A	A	A	A	A	A		Sodium Hydrogen Carbonate	A	--	A	A	A	A	A	A	A	A			
Seed Oil	X	A	A	A	B	B	A	A	A	A	A		Sodium Hydrogen Sulfate	A	--	A	A	A	A	A	A	A	A			
Separan NP-10	A	--	--	--	--	--	--	--	A	--	--		Sodium Hydroxide	A	C	B	C	A	B	A	B	A	C			
Sewage	C	X	A	A	B	A	B	A	A	A	A		Sodium Hypochloride	C	X	C	X	B	A	C	A	A	--			
Sewerage	C	X	A	A	B	A	B	A	A	A	A		Sodium Hypochlorite-5%	C	X	C	C	B	A	B	A	A	B			
Shale Naphtha	X	--	B	A	X	X	X	A	A	A	A		Sodium Hypochlorite-20%	X	X	X	C	A	C	--	A	--	--			
Shell DD	X	--	X	X	X	--	--	C	A	--			Sodium Hyposulfite	A	A	A	A	A	A	A	A	A	A			
Sherwood Oil	X	B	B	X	X	X	X	A	A	C			Sodium Iodine	--	--	A	--	--	--	A	--	--	--			
Sieman's Gas	C	A	B	A	B	B	C	A	A	B			Sodium Metaborate Peroxy-Hydrat	A	--	A	A	A	--	--	A	--	--			
Silent Spirit	A	X	A	A	A	A	A	B	A	A			Sodium Metaphosphate	A	--	C	B	A	B	A	A	A	C			
Silicate Esters	X	A	B	A	B	A	X	A	A	C			Sodium Nitrate	B	--	B	C	A	A	A	A	A	C			
Silicate of Soda	A	--	A	A	A	A	A	A	A	A	A			Sodium Nitrite	--	A	--	--	A	--	A	A	A	--		
Silicofluoric Acid	A	B	B	B	A	A	B	A	A	A	X			Sodium Perborate	B	--	B	B	A	B	A	A	A	B		
Silicone Greases	B	A	A	A	B	A	A	A	A	A	B			Sodium Peroxide	B	X	B	B	A	A	B	A	A	C		
Silicone Oils	C	A	C	A	C	A	A	A	A	A	B			Sodium Phosphate	A	A	B	B	A	A	A	A	A	C		
Silver Cyanide	A	--	A	--	--	--	--	--	A	--				Sodium Pyroborate	A	A	A	B	A	A	A	A	B	B		
Silver Nitrate	A	A	A	B	A	A	A	A	A	A	A				Sodium Salts	A	--	A	--	--	A	--	A	A	--	
Skelly Solve	--	--	A	--	--	--	--	C	A	--					Sodium Sesquicarbonate	A	--	A	A	A	--	--	--	A	--	
Skydrof Hydraulic Fluid	X	--	X	X	A	X	B	C	A	--					Sodium Silicate Sulfate	A	--	A	A	A	--	--	--	A	--	
Skydrof 500	X	X	X	X	B	B	X	A	C	C	A				Sodium Silicates	A	--	A	A	A	A	A	A	A	A	
Skydrof 7000	X	X	X	X	B	X	C	B	A	B	A					Sodium Stannic Chloride	A	--	X	B	A	--	--	A	--	--
Slaked Lime	A	A	A	A	A	B	A	A	A	A	A					Sodium Subsulfite	A	A	A	A	A	A	A	A	A	A
Soap Solutions	B	A	B	A	A	A	A	A	A	A	A					Sodium Sulfates	A	A	A	A	A	A	A	A	A	A
Soda	A	--	A	A	A	A	A	A	A	A	A					Sodium Sulfide	A	A	A	A	A	A	A	A	A	A
Soda Alum	A	A	A	A	A	A	A	A	A	A	A					Sodium Sulfites	A	A	A	A	A	A	A	A	A	A
Soda Ash	A	--	A	A	A	A	A	A	A	A	A					Sodium Superoxide	B	X	B	B	A	B	A	A	A	C
Soda-Baking	A	--	A	A	A	A	A	A	A	A	A					Sodium Tetraborate	A	--	A	A	A	A	A	A	A	A
Soda-Caustic	A	C	B	B	A	B	A	B	A	B	C					Sodium Thiosulfate	A	A	A	A	A	A	A	A	A	A
Soda-Lime	A	C	B	B	A	B	A	B	A	B	C					Sodium Triphosphates	A	--	A	A	A	--	--	A	--	--
Soda-Niter(Nitre)	B	--	B	C	A	A	A	A	A	A	C					Solene	X	B	B	A	X	X	A	A	C	
Soda-Salt peter	B	--	B	C	A	A	A	A	A	A	C					Soluble Glass	A	--	A	A	A	A	A	A	A	A
Soda-Washing	A	--	A	A	A	A	A	A	A	A	A					Solvason #1, #2, #3	--	--	A	--	--	C	A	--	--	
Sodan	B	--	B	B	B	--	--	--	A	--						Solvason #73	--	--	C	--	--	C	A	--	--	
Sodium Acetate	C	X	B	C	A	A	A	X	A	--						Solvason #74	--	--	X	--	--	C	A	--	--	
Sodium Acid Carbonate	A	--	A	A	A	A	A	A	A	A	A					Soya Oil (Soy Oil)	X	B	B	A	A	B	A	A	X	
Sodium Acid Sulfate	A	--	A	B	A	--	--	A	--	--						Soybean Oil	X	B	B	A	A	B	A	A	X	
Sodium Alum	A	A	A	A	A	A	A	A	A	A	A					Spirit	A	X	A	A	A	A	B	A	A	
Sodium Aluminate	A	--	--	A	A	A	A	--	A	A						Spirits of Turpentine	X	X	C	A	X	X	A	C	A	
Sodium Aluminum Sulfate	A	A	A	A	A	A	A	A	A	A	A					Spirits of Vinegar	B	B	B	C	B	B	A	C	A	
Sodium Arsenate	A	--	--	A	--	--	A	--	--	A	--					Spirits of Wine	A	X	A	A	A	A	B	A	A	
Sodium Benzoate	A	--	--	A	--	--	A	--	--	A	--					Stannic Chloride	A	B	A	A	B	A	B	A	B	
Sodium Bicarbonate	A	--	A	A	A	A	A	A	A	A	A					Stannic Sulfide	A	--	A	A	A	A	--	A	--	
Sodium Bichromate	X	A	B	--	A	B	A	A	A	A	--					Stannous Chloride	A	B	A	A	B	A	B	A	B	
Sodium Bisulfate	A	--	A	A	A	A	A	A	A	A	A					Stannous Sulfide	A	--	A	A	A	A	--	A	--	
Sodium Bisulfite	A	--	A	A	A	A	A	A	A	A	A					Stardh Syrup (Sugar)	B	A	B	B	A	A	A	A	A	
Sodium Bisulphite	A	--	A	A	A	A	A	A	A	A	A															

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CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Steam, Saturated-To 225° F.	C	C	C	C	B	B	A	X	A	X	X										
Steam, Saturated-225°-300°F	X	X	X	X	B	C	A	X	A	X	X										
Steam, Saturated-Over 300°F	X	X	X	X	X	X	C	X	A	X	X										
Stearic Acid	X	A	B	A	B	C	B	A	A	A	B										
Attoford Solvent	X	A	C	A	X	X	X	X	A	A	X										
Stripper S.A.	X	--	X	--	--	--	--	--	--	A	--										
Styrene	X	C	X	X	X	X	X	X	A	A	X										
Sublimed White Lead	B	--	A	B	A	--	--	--	--	A	--										
Sucrose Solution	A	X	A	A	A	A	A	A	A	A	A										
Sugar of Lead	B	--	A	B	A	A	A	A	X	A	X										
Sugar Liquors-Cane, Beet & Map	A	X	A	A	A	A	A	A	A	A	A										
Sulfamic Acid	B	--	A	B	A	B	--	--	A	--	--										
Sulfite Cellulose Liquors	B	--	A	A	A	A	B	B	A	A	X										
Sulfitic Liquors	B	--	A	A	A	A	B	B	A	A	X										
Sulfonic Acid	X	--	-	X	X	C	--	X	A	--	--										
Sulfur	C	B	B	B	B	A	A	A	A	A	B										
Sulfur-250°F	X	X	X	--	C	C	A	B	A	B	--										
Sulfur Chloride	X	--	C	C	X	A	X	A	A	A	C										
Sulfur Dioxide	C	--	C	C	B	A	A	A	A	A	A										
Sulfur Dioxide-1%@100°F	--	--	A	--	--	A	A	A	A	--	--										
Sulfur Dioxide-Liquid	B	B	A	X	B	A	B	A	A	A	--										
Sulfur Hexafluoride	X	--	B	B	A	A	A	A	A	A	A										
Aulfer Monochloride	X	--	C	C	X	A	X	A	A	A	C										
Sulfur Subchloride	X	--	C	C	X	A	X	A	A	A	C										
Sulfur Trioxide (Dry)	X	B	C	C	C	B	C	A	A	B	--										
Sulfurated Lime	A	A	B	A	A	A	A	A	A	A	B										
Sulfuretted Hydrogen	C	--	C	X	A	C	A	A	B	A	C										
Sulfuric Acid-10%,9BE	A	B	A	B	A	A	A	A	A	A	B										
Sulfuric Acid-25%	B	X	B	C	B	A	B	A	A	A	X										
Sulfuric Acid-50%,41BE	B	X	X	C	B	A	B	A	A	X	--										
Sulfuric Acid-60%,48BE	C	X	C	X	B	A	B	A	A	A	X										
Sulfuric Acid-75%,58BE	X	X	X	X	B	B	C	A	A	A	X										
Sulfuric Acid-95%,66BE	X	X	X	X	X	C	C	A	A	A	X										
Sulfuric Acid-100%	X	X	X	X	X	C	X	B	A	A	X										
Sulfuric Acid-Concentrated	X	--	X	X	X	C	C	C	A	A	X										
Sulfuric Acid-Dilute	A	B	A	B	A	A	A	A	A	A	B										
Sulfuric Acid-Fuming	X	X	X	X	X	C	X	B	A	B	X										
Sulfuric Acid-Oleum	X	X	X	X	X	C	X	C	B	A	X										
Sulfuric Ether	X	C	X	B	C	B	X	X	A	C	--										
Sulfurous Acid-10%	B	--	X	X	A	A	--	A	A	--	--										
Sulfurous Acid-10% to 75%	B	--	X	X	A	A	A	A	--	A	A										
Sulfurous Acid-100%	B	X	X	X	B	A	C	A	A	A	C										
Sulfurous Acid Anhydride	C	--	C	C	B	A	C	A	C	A	A										
Sulfurous Oxychloride	X	--	X	X	X	--	--	--	--	A	--										
Sulphite Liquors	B	--	A	A	A	A	B	A	A	A	X										
Summer Oil	A	--	A	A	--	--	--	A	A	A	--										
Superphosphoric Acid	--	--	--	A	--	A	--	--	A	--	A										
Sweet Birch Oil	X	--	X	X	B	--	C	B	A	--	--										
Sweet Oil	X	B	B	B	A	B	A	A	A	A	X										
Table Salt	A	A	A	A	A	A	A	A	A	A	A										
Tall Oil	X	--	B	A	X	C	X	A	A	A	--										
Tallow	X	A	B	A	B	C	A	A	A	A	B										
Tan	A	A	A	C	C	A	C	A	A	A	B										
Tannic Acid	A	A	A	C	C	A	C	A	A	A	B										
Tannin	A	A	A	C	C	A	C	A	A	A	B										
Tanning Liquors	--	--	A	A	X	B	--	A	A	A	--										
Tanning Solutions	B	--	A	A	A	--	--	--	A	--	--										
Tar, Bituminous	X	--	C	B	X	C	X	A	A	A	B										
Tar Camphor	X	B	X	X	X	X	X	A	A	A	X										
Tartaric Acid	A	A	C	B	B	A	B	A	A	A	A										
Taxaphenine 12%	X	--	B	B	X	X	--	--	A	--	--										
T.C.A.	X	--	X	X	X	--	--	--	A	--	--										
T.C.P.	C	C	C	X	A	C	A	B	A	C	C										
T.E.A.	B	--	X	B	A	--	--	--	A	--	--										

A - EXCELLENT

B - GOOD

C - CONDITIONAL

X - NOT RECOMMENDED

-- - INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED		"TUBE" ELASTOMER						MEDIA PIPED/PUMPED		"TUBE" ELASTOMER											
CHEMICAL		NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPM	VITON®	TEFLON®	SILICONE	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPM	VITON®	TEFLON®	SILICONE
Trichlorotrifluoroethane	X	--	X	X	X	X	--	--	--	A	--										
Tricresyl Phosphate	C	C	C	X	X	A	C	A	B	A	C										
Tridecanol	A	--	--	A	A	A	A	--	B	A	--										
Triethanol Amine	B	X	B	B	A	A	B	B	B	A	A										
Triethyl Aluminum	X	--	X	X	--	--	--	--	B	A	--										
Triethyl Amine	B	--	B	A	C	--	--	--	--	A	--										
Triethyl Borane	X	--	X	X	--	--	--	--	A	A	--										
Triethylene Glycol	A	--	--	A	A	A	A	--	A	A	--										
Trifluorovinyl Chloride	X	--	--	X	X	--	--	--	--	A	--										
Trihydroxybenzoic Acid	A	X	C	X	B	B	B	A	A	A	--										
Trihydroxyethyl Amine	C	--	B	B	A	--	--	--	--	A	--										
Trimethyl Methane	X	--	--	A	X	X	--	--	A	A	--										
Trimethyl Pentane	X	B	B	A	X	B	X	A	A	A	X										
Trimethylene Glycol	A	--	--	A	A	A	A	A	A	A	A										
Trinidad Pitch	X	B	B	A	X	B	X	A	A	A	X										
Trinitrophenol	C	B	C	C	C	A	B	A	A	A	X										
Trinitrotoluene (Trinitrotoluol)	X	--	A	X	X	B	X	C	A	A	C										
Triocetyl Phosphate	X	--	X	X	A	X	A	B	A	B	A										
Triolein	X	--	C	B	B	--	--	--	--	A	--										
Triphenyl Phosphate	X	--	--	X	A	C	--	C	A	--											
Tripolyphosphate	X	--	X	X	--	--	--	--	--	A	--										
Trisodium Phosphate	A	A	A	A	A	A	A	A	A	A	A										
Tritolylphosphate	C	C	C	X	A	C	A	B	A	A	C										
Trotyl	X	--	A	X	X	B	X	C	A	A	--										
Tung Oil	X	B	B	A	B	B	C	B	A	C											
Turbine Oil	X	--	B	B	X	B	X	B	X	A	A	--									
Turpentine	X	X	C	A	X	X	X	X	A	A	C										
Turpentine Substitute	X	--	X	X	X	--	--	--	--	A	--										
Turps	X	--	X	A	X	X	--	X	A	A	X										
Two Four D with 10% Fuel Oil	X	--	A	A	--	--	X	A	A	--											
Ucon Hydrolube Oils	X	--	B	A	A	--	--	A	A	A	--										
U.D.M.H.	--	--	B	C	A	A	A	A	X	A	C										
Undecanol	A	--	--	A	A	A	A	--	B	A	--										
Unslaked Lime	A	--	A	A	A	A	A	A	--	A	--										
Unsymmetrical Dimethyl Hydrazo	--	--	B	C	A	A	A	X	A	C											
Uran	B	--	B	B	B	--	--	--	--	A	--										
Urea	A	--	B	B	A	A	--	--	--	A	--										
Valeric Acid	A	--	X	X	A	--	A	--	A	--	A										
Valerone	X	--	X	X	C	X	B	X	X	A	--										
Varnish	X	--	C	B	X	C	X	A	A	X	A										
Vegetable Oils	X	A	B	A	A	B	A	A	A	A	A										
Versilube, F44 & F50	C	--	C	A	B	A	A	A	A	A	C										
Vinegar	B	B	B	C	A	B	A	A	A	A	A										
Vinegar Naphtha	X	X	X	X	B	X	B	X	A	B											
Vinegar Salts	B	--	B	B	A	A	A	X	A	A	--										
Vinyl Acetate	X	--	--	X	A	C	--	X	A	--											
Vinyl Benzene	X	--	--	X	X	X	X	--	A	A	--										
Vinyl Chloride	C	--	X	X	B	X	C	A	A	A	--										
Vinyl Cyanide	B	--	B	X	C	C	X	X	X	A	X										
Vinyl Ether	X	--	--	B	X	B	--	X	A	--											
Vinyl Oxide	X	--	--	B	X	B	--	X	A	--											
Vinyl Toluene	X	--	--	X	X	X	X	--	A	A	--										
Vinyl Trichloride	X	--	X	X	X	X	X	--	A	A	--										
Vinylene Chloride	X	X	X	X	C	X	B	B	A	A	C										
Vitriol, Oil of	X	--	X	X	X	C	C	A	A	X	X										
V.M. & P. Naphtha	X	--	B	A	X	X	X	A	A	A	A										
Wagner 21B Fluid	--	--	A	C	B	B	A	X	A	A	C										
Walnut Oil	X	--	B	A	--	--	--	A	A	A	--										
Washing Soda	A	--	A	A	A	A	A	A	A	A	A										
Water-Acid Mine	A	A	C	A	A	A	A	A	A	A	A										
Water-Distilled, Lab., Ret. Cond.	A	A	C	A	A	A	A	A	A	A	C										
Water-Fresh	A	A	B	A	A	A	A	A	A	A	A										
Water-Seawater-River Water	A	A	B	B	A	A	A	A	A	A	A										
Water Glass	A	A	A	A	A	A	A	A	A	A	A										
Water Proofing Salt	A	--	B	B	B	--	--	--	A	--	A										

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