RECOMMENDED USE DEFINITIONS

IMMERSION SERVICE (Most Severe) – IS
Suitable for continuous contact with chemical exposure up to specified temperature.

CARGO/TEMPORARY IMMERSION – CI
Suitable for 60 day continuous contact with chemical exposure up to specified temperature. Coating will show no effect except slight softening or discoloration, possibly permanent, after 60 days or less continuous immersion. When used in transport or hauling conditions, the vessel must be completely drained to prevent puddling that would constitute continuous immersion.

SECONDARY CONTAINMENT – SC
Suitable for continuous contact up to 72 hours with chemical exposure or vapors. The coating will show no effects, except slight softening or discoloration, after 72 hours exposure to chemical or vapors. Data references the chemical resistance of the coating. System recommendation may include mat- or aggregate-reinforcement depending on substrate and/or exposure conditions.

FREQUENT CONTACT – FC
Suitable for frequent splash or up to 72 hours exposure to concentrated vapors. The coating will show no effects except slight softening or discoloration, possibly permanent, after eight hours continuous immersion in the liquid chemical or 72 hours exposure to the vapor.

OCCASIONAL CONTACT (Least Severe) – OC
Suitable for occasional splash and spillage or occasional exposure to concentrated vapors. The coating shows no effects, except slight softening or discoloration, following short exposure to splash or spillage which evaporates, is hosed off, or dried overnight or, 24 hours exposure to vapor.

NOT EVALUATED - NE
This chemical has not been evaluated for the listed chemical. Please contact Tnemec Technical Services for more information.

NOT RECOMMENDED - NR
This product is not recommended for the listed exposure.

CHEMICAL REFERENCES

The following references may be included in the chemical resistance guide listed below.

1 Product is NOT suitable for direct or indirect food contact. Intended Use and temperature information relates to product's performance capabilities only.

2 Product is suitable for direct or indirect food contact. Reference product data sheet for more information.

3 Service requires elevated temperature post cure (PC) of lining. Reference the product data sheet and application guide for more information.

4 System requires use of carbon veil. Reference the product data sheet and application guide for more information.

5 System requires use of glass surfacing veil. Reference the product data sheet and application guide for more information.

IMPORTANT NOTES

The term "chemicals" is used broadly in this guide and can refer to various constituents including, but not limited to, acids, fatty acids, food and beverage materials, finished and unrefined hydrocarbons, as well as individual chemicals and chemical blends. Unless otherwise referenced, the concentrations listed are aqueous solutions of the chemicals.

Temperature can have a significant effect on a coating's chemical resistance. Prior to coating selection, due care should be taken to determine the service temperature of stored chemicals, elevated temperature caused by natural environmental conditions (i.e. radiant heat from sun, weather), and temperature fluctuations during service (i.e. loading of cargo, service cycling).

Chemical mixtures and alternating chemical storage can aggressively degrade a coating or lining system. Prior to coating selection and application, the expected chemical exposures and sequence of chemical storage should be discussed with Tnemec Technical Service to ensure the proper coating is selected.

Proper surface preparation is always important to ensure optimum coating performance, but it is even more so for coatings that will undergo chemical exposure. Carefully read product data sheets along with related application guides to determine the required level of surface preparation and surface profile.

Structural designs of tanks, structures, and containment areas can greatly affect coating performance. Sharp angles, channels, edges, corners, pits, voids, defects, rough welds, and other similar conditions present areas that are either difficult to coat or achieve the required film thickness. Avoid skip welds in favor of continuous welds. A stripe coat on these areas, prior to full coating application, can help achieve needed film thickness and prevent premature coating failure. (Reference NACE SP0178-2007 for more information.)

The length of a coating system's service life depends on surface cleanliness and preparation prior to application, proper application procedures, exposure conditions, physical abuse, cleaning techniques, and frequency of inspection, maintenance, and repair. No coating system has an unlimited service life. Regular inspection of the coating system can prolong service life by identifying areas in need of repair. Additionally, regular inspections can determine when the coating system is nearing its end of service and should be completely replaced.

Chemical resistance information is provided for the purpose of establishing a general profile of the coating and was obtained through laboratory testing, field experience, and industry knowledge. Test results were produced in a controlled environment and Tnemec makes no claim that any tests, or published chemical resistance information, accurately represent all environments or correlate to actual field performance. Application, environmental and design factors, chemical temperatures, chemical mixtures, sequence of storage, conditions of service, and cleaning procedures can significantly impact coating performance, so due care must be exercised in the selection and use of the coating. Tnemec disclaims responsibility for product use outside its published information. Contact Tnemec Technical Service to review full project details before the coating or coating system is selected and applied.

	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
1, 1, 1-Trichloroethane (Trichloroethane)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Acetaldehyde	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Acetic Acid					
5%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	130°F (54°C) - MB-6.0
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	130°F (54°C) - MB-6.0
30%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	130°F (54°C) - MB-6.0
Acetic Acid, Glacial	100°F (38°C)	100°F (38°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Acetic Anhydride	400°F (204°C)	400°F (204°C)	NR	NR	NR
Acetone	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Acetonitrile					
20%	120°F (49°C)	120°F (49°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
100%	NR	NR	NR	NR	NR
Acetyl Chloride	NR	NR	NR	NR	NR
Acrylic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Acrylic Latex Solution	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Acrylonitrile	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Activated Carbon (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Adipic Acid					
25%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	140°F (60°C)
Adipic Acid (Dry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Alkyl Glycidyl Ether	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Allyl Alcohol	400°F (204°C)	400°F (204°C)	NR	NR	NR
Allyl Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Aluminum Bromide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Aluminum Chloride					
25%	400°F (204°C)	400°F (204°C)	NR	NR	NR
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Aluminum Hydroxide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	140°F (60°C) - MB-6.0
Aluminum Nitrate					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	140°F (60°C) - MB-6.0
Aluminum Sulfate (Alum)					
49%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ammonium Bisulfite	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Ammonium Carbonate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Ammonium Chloride					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - RS-4.0	150°F (66°C) - RS-4.0
Ammonium Fluoride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Ammonium Fluosilicate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ammonium Hydroxide (Aqua Ammonia)					
5%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	NR	NR
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	NR	NR
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	NR	NR
30%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	NR	NR
35%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	NR	NR
Ammonium Lauryl Sulfate					

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
30%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Ammonium Nitrate					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
38%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
65%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
83%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ammonium Nitrite					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ammonium Perchlorate (Dry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ammonium Persulfate					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Ammonium Phosphate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Ammonium Sulfamate					
46%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ammonium Sulfate					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
65%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
Ammonium Sulfide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Ammonium Sulfite	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C)	130°F (54°C)
Ammonium Thiocyanate					

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
55%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ammonium Thiosulfate					
60%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Ammonium Xylene Sulfonate					
40%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Amyl Acetate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Amyl Alcohol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Aniline	400°F (204°C)	400°F (204°C)	NR	NR	NR
Aniline Hydrochloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Animal Fats	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Antimony Chloride (tri)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Aqua Regia	NR	NR	NR	NR	NR
Arsenous Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
ASTM Reference (Fuels A & C)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Aviation Gas	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
B20 Bio Diesel	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Barium Chloride					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Barium Hydroxide					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Barium Nitrate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Barium Sulfate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Barium Sulfide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Beer (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Benzal Chloride	NR	NR	NR	NR	NR
Benzaldehyde	400°F (204°C)	400°F (204°C)	400°F (204°C)	NR	NR
Benzene	400°F (204°C)	400°F (204°C)	NR	NR	NR
Benzene Sulfonic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Benzene Thiol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Benzoic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Benzoyl Chloride	400°F (204°C)	400°F (204°C)	NR	NR	NR
Benzyl Alcohol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	100°F (38°C)
Benzyl Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Biodiesel (<2% FAME)	150°F (66°C)	150°F (66°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Borax Solution (sat'd)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Boric Acid					
5%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Brake Fluid (DOT 3)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Bromine Gas (Dry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Bromine Gas (Wet)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Butyl Acrylate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Butyl Alcohol	400°F (204°C)	400°F (204°C)	NR	NR	NR
Butyl Amine	400°F (204°C)	400°F (204°C)	NR	NR	NR
Butyl Ether	400°F (204°C)	400°F (204°C)	NR	NR	NR
Butyric Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Cadmium Bromide					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Cadmium Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - RS-2.0	140°F (60°C) - RS-2.0
Cadmium Plating (Cyanide) (4)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - RS-8.1	140°F (60°C) - RS-8.1
Calcium Bisulfate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - RS-2.0	140°F (60°C) - RS-2.0
Calcium Bisulfite	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Calcium Bromide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C)	140°F (60°C)
Calcium Carbonate (Limestone Slurry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - RS-6.0	150°F (66°C) - RS-6.0
Calcium Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C)	130°F (54°C)
Calcium Hydroxide (Lime Slurry)					
30%	100°F (38°C)	100°F (38°C)	400°F (204°C) - RS-2.0	NE	NE
100%	150°F (66°C)	150°F (66°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Calcium Hypochlorite					
5%	400°F (204°C)	400°F (204°C)	NR	NR	NR
Calcium Nitrate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Calcium Nitrite	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
Calcium Oxide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Calcium Sulfate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Calcium Sulfite	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
Canola Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Canola Oil (crude) (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Caprolactam	400°F (204°C)	400°F (204°C)	NR	NR	NR
Caprylic Acid (Octanoic Acid)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Carbon - Activated (slurry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Carbon Bisulfide Fumes (wet)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Carbon Dioxide (gas)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	250°F (121°C) - MB-1.0	250°F (121°C) - MB-1.0
Carbon Disulfide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Carbon Tetrachloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Castor Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C)	130°F (54°C)
Caustic Liquor	NR	NR	NR	NR	NR
Caustic Potash	NR	NR	NR	NR	NR
Chlorine Dioxide (gas)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Chloroacetic Acid					
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
100%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Chlorobenzene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Chlorobutane	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Chloroform	300°F (149°C)	300°F (149°C)	400°F (204°C) - RS-2.0	NR	NR
Chlorophenol	NR	NR	NR	NR	NR
Chlorosulfonic Acid	NR	NR	NR	NR	NR
Chlorotoluene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Chromic Acid					
10% (3)	120°F (49°C)	120°F (49°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
20% (3)	120°F (49°C)	120°F (49°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
30%	130°F (54°C)	130°F (54°C)	400°F (204°C)	NR	NR
40%	130°F (54°C)	130°F (54°C)	400°F (204°C) - RS-2.0	NR	NR
Chromic Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Citric Acid					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Coal (high and low sulfur)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Coconut Oil (refined) (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Cola (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Copper (I) Chloride (Cuprous Chloride)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Copper Acetate					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Copper Nitrate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Copper Plating (Acid)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Copper Plating (Cyanide)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Copper Sulfate					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Copper Sulfate (dry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Corn Mash Solution (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Corn Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Cottonseed Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Cresylic Acid (Cresol)	NR	NR	NR	NR	NR
Crude Oil (Sour)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	180°F (82°C) - MB-6.0	180°F (82°C) - MB-6.0
Crude Oil (Sweet)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	180°F (82°C) - MB-6.0	180°F (82°C) - MB-6.0
Cumene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Cumene Hydroperoxide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Cyclohexane	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Cyclohexanol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Cyclohexanone	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Cyclohexylamine	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Cymene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Dextrose (d-glucose)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Diacetone Alcohol	NR	NR	NR	NR	NR
Dibutyl Phthalate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Dichloroacetic Acid					
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
Diesel Emissions Fluid (32.5% Urea Solution)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Diesel Fuel (Fuel Oil, Diesel Oil)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Diethylene Glycol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
Diethylene Glycol Bis-Chloroformate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Diethylene Glycol Monobutyl Ether (Butyl "Carbitol")	400°F (204°C)	400°F (204°C)	400°F (204°C)	100°F (38°C)	100°F (38°C)

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Diethylene Glycol Monobutyl Ether Acetate (Butyl "Carbitol" Acetate)	400°F (204°C)	400°F (204°C)	400°F (204°C)	NR	NR
Diethylenetriamine	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Diethylketone	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Diglycolamine					
62%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Dimethyl Carbamoyl Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Dimethyl Formamide	NR	NR	NR	NR	NR
Dimethyl Sulfoxide	NR	NR	400°F (204°C) - RS-2.0	NR	NR
Dimethylaminopropylamine	NR	NR	NR	NR	NR
Dimethylaniline	NR	NR	400°F (204°C) - RS-2.0	NR	NR
Dimethylcarbamoyl Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Dinitrobenzene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Dinitrotoluene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Dioctyl Phthalate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Dipropylene Glycol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Dodecyl Alcohol (Lauryl Alcohol)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Ethanol (Denatured Alcohol, Ethyl Alcohol)					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	110°F (43°C) - MB-6.0	110°F (43°C) - MB-6.0
100%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C) - MB-6.0	100°F (38°C) - MB-6.0
Ethanolamine	NE	NE	NE	NE	NE
Ethoxy Ethanol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Ethoxylated Nonyl Phenol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ethyl Acetate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ethyl Acrylate	400°F (204°C)	400°F (204°C)	NR	NR	NR
Ethyl Benzene	NR	NR	NR	NR	NR
Ethyl Bromide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ethyl Chloride	120°F (49°C)	120°F (49°C)	400°F (204°C) - RS-2.0	NR	NR
Ethyl Chloroformate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ethyl Ether	NR	NR	NR	NR	NR
Ethyl Hexyl Acrylate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ethyl Sulfate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ethyl Tert-Butyl Ether (ETBE)	NR	NR	NR	NR	NR
Ethylamine					
20%	120°F (49°C)	120°F (49°C)	400°F (204°C) - RS-2.0	NR	NR
70%	120°F (49°C)	120°F (49°C)	400°F (204°C) - RS-2.0	NR	NR
Ethylene Dichloride	NR	NR	NR	NR	NR
Ethylene Glycol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Ethylene Glycol Monobutyl Ether (Butyl "Cellosolve")	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Ethylene Glycol Monobutyl Ether Acetate (Butyl "Cellosolve" Acetate)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Ethylene Oxide	NR	NR	NR	NR	NR
Ethylenediamine					
20%	NR	NR	N	NR	NR
Fatty Acids (Greater than C6)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Ferric Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Ferric Nitrate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Ferric Sulfate					
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
60%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Ferrous Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	140°F (60°C) - MB-6.0
Fish Oil	400°F (204°C)	400°F (204°C)	300°F (149°C) - RS-2.0	NR	NR
Flue Gas (dry)	300°F (149°C)	300°F (149°C)	400°F (204°C) - RS-2.0	300°F (149°C)	300°F (149°C)
Flue Gas (wet)	220°F (104°C)	220°F (104°C)	400°F (204°C)	220°F (104°C)	220°F (104°C)
Fluoboric Acid (3) (5)	200°F (93°C)	200°F (93°C)	400°F (204°C) - RS-2.1	150°F (66°C) - RS-8.1	150°F (66°C) - RS-8.1
Fluorosilicic Acid (Hydrofluorosilicic Acid)					
10% (3)(5)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	130°F (54°C) - RS-8.1	130°F (54°C) - RS-8.1
25% (3)(5)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	130°F (54°C) - RS-8.1	130°F (54°C) - RS-8.1
Formaldehyde					
37%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Formic Acid					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Fructose (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Furan	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Furfural					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Furfuryl Alcohol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Gasohol E10 (10% Ethanol)	100°F (38°C)	100°F (38°C)	NR	NR	NR

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Gasohol E15 (15% Ethanol)	100°F (38°C)	100°F (38°C)	NR	NR	NR
Gasohol E30 (30% Ethanol)	100°F (38°C)	100°F (38°C)	NR	NR	NR
Gasohol E50 (50% Ethanol)	100°F (38°C)	100°F (38°C)	NR	NR	NR
Gasohol E85 (85% Ethanol)	100°F (38°C)	100°F (38°C)	NR	NR	NR
Gasoline (Reformulated)	120°F (49°C)	120°F (49°C)	NR	NR	NR
Gasoline (Unleaded)	140°F (60°C)	140°F (60°C)	NR	NR	NR
Gasoline (with ETBE, 15% max)	NR	NR	NR	NR	NR
Gasoline (with MTBE, 15% max)	NR	NR	NR	NR	NR
Gasoline (with TAME, 15% max)	NR	NR	NR	NR	NR
Gasoline (with TBA, 15% max)	NR	NR	NR	NR	NR
Gelatine (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Gluconic Acid					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Glucose (1) (l-glucose)	120°F (49°C)	120°F (49°C)	400°F (204°C) - RS-2.0	NR	NR
Glycerin	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Glycolic Acid					
70%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Gold Plating (Cyanide)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Gold Plating Solution	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Grape Juice (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Grapefruit Juice (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Guar Gum (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Heptane	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Hexane	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Hexanol	400°F (204°C)	400°F (204°C)	NR	NR	NR
Hexylene Glycol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Hydraulic Fluid (Hydraulic Oil)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	160°F (71°C) - MB-6.0	160°F (71°C) - MB-6.0
Hydrazine					
35%	400°F (204°C)	400°F (204°C)	NR	NR	NR
Hydrazine Hydrate	NR	NR	NR	NR	NR
Hydrobromic Acid					
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
48%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Hydrochloric Acid					
5%	200°F (93°C)	200°F (93°C)	400°F (204°C) - RS-2.0	130°F (54°C) - RS-8.2	130°F (54°C) - RS-8.2
10%	200°F (93°C)	200°F (93°C)	400°F (204°C) - RS-2.0	130°F (54°C) - RS-8.2	130°F (54°C) - RS-8.2
15%	200°F (93°C)	200°F (93°C)	400°F (204°C) - RS-2.0	130°F (54°C) - RS-8.2	130°F (54°C) - RS-8.2
20%	200°F (93°C)	200°F (93°C)	400°F (204°C) - RS-2.0	130°F (54°C) - RS-8.2	130°F (54°C) - RS-8.2
28%	200°F (93°C)	200°F (93°C)	400°F (204°C) - RS-2.0	130°F (54°C) - RS-8.2	130°F (54°C) - RS-8.2
33%	200°F (93°C)	200°F (93°C)	400°F (204°C) - RS-2.0	NR	NR
36%	180°F (82°C)	180°F (82°C)	400°F (204°C) - RS-2.0	NR	NR
37%	180°F (82°C)	180°F (82°C)	400°F (204°C) - RS-2.0	NR	NR
Hydrofluoric Acid					
3%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	110°F (43°C) - MB-1.1	110°F (43°C) - MB-1.1
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	NE	NE
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.1	NR	NR
Hydrofluoroboric Acid					

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
62%	400°F (204°C)	400°F (204°C)	NR	NR	NR
Hydrogen Peroxide					
30%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
50%	300°F (149°C)	300°F (149°C)	400°F (204°C) - RS-2.0	NR	NR
Hydrogen Sulfide	160°F (71°C)	160°F (71°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Hydroiodic Acid					
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Hypochlorous Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Iodine					
5%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Iodine (Crystals and vapor)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Isobutyl Acetate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Isobutyl Alcohol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	110°F (43°C) - MB-6.0	110°F (43°C) - MB-6.0
Isooctane	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Isooctylthioglycolate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Isophorone	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Isopropyl Alcohol (Isopropanol)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	110°F (43°C) - MB-6.0	110°F (43°C) - MB-6.0
Isopropyl Ether	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Jet A Fuel	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
JP-4 Aviation Fuel	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
JP-5 Aviation Fuel	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Kaolin	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Kerosene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Lactic Acid					
2%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
85%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Lard (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Lauric Acid	NR	NR	NR	NR	NR
Lauryl Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Lead Acetate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Lecithin	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Levulinic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Levulinic Acid, Butyl Ester	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Linseed Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Lithium Bromide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Lithium Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Lithium Hydroxide					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Lithium Hydroxide (saturated)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Lubricating Oil (SAE 5W-40, et al) (Motor Oil)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Magnesium Bisulfite	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Magnesium Chloride					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Magnesium Hydroxide					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Magnesium Sulfate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Maleic Acid					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Maleic Anhydride	NR	NR	NR	NR	NR
Malic Acid	NR	NR	NR	NR	NR
MEK	120°F (49°C)	120°F (49°C)	NR	NR	NR
Mercuric Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Mercury	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Mercury and Salts	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Methacrylic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Methane Gas	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	160°F (71°C) - MB-6.0	160°F (71°C) - MB-6.0
Methanol (Methyl Alcohol)	120°F (49°C)	120°F (49°C)	NR	NR	NR
Methyl Acetate	100°F (38°C)	100°F (38°C)	NR	NR	NR
Methyl Acrylate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Methyl Amyl Alcohol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Methyl Amyl Ketone	400°F (204°C)	400°F (204°C)	NR	NR	NR
Methyl Chloride	NR	NR	NR	NR	NR
Methyl Ethyl Ketone	100°F (38°C)	100°F (38°C)	NR	NR	NR
Methyl Isobutyl Chloride	120°F (49°C)	120°F (49°C)	NR	NR	NR
Methyl Isobutyl Ketone	100°F (38°C)	100°F (38°C)	NR	NR	NR
Methyl Methacrylate	100°F (38°C)	100°F (38°C)	NR	NR	NR
Methyl Oleate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Methyl Propyl Ketone	NR	NR	NR	NR	NR
Methyl tert-Butyl Ether (MTBE)	NR	NR	NR	NR	NR
Methylene Chloride	NR	NR	NR	NR	NR
Milk (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Mineral Oil	150°F (66°C)	150°F (66°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Mineral Spirits	400°F (204°C)	400°F (204°C)	NR	NR	NR
Molasses (1)	400°F (204°C)	400°F (204°C)	NR	NR	NR
Morpholine	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Mustard (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Naphtha	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Naphthalene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Naphthenic Acid	400°F (204°C)	400°F (204°C)	NR	NR	NR
n-Butyl Acetate (Butyl Acetate)	400°F (204°C)	400°F (204°C)	NR	NR	NR
n-Butyl Alcohol (1-Butanol) (Butanol (Normal))	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
n-Decyl Alcohol (Decyl Alcohol (1-Decanol))	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Nickel Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Nickel Plating (bright)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Nitric Acid					
5%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
25%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
35%	150°F (66°C)	150°F (66°C)	400°F (204°C) - RS-2.0	NE	NE
60%	120°F (49°C)	120°F (49°C)	400°F (204°C) - RS-2.0	NR	NR

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
70%	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0	400°F (204°C) - RS-2.0	NR	NR
Nitrilotriethanol	NR	NR	NR	NR	NR
Nitrobenzene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Nitromethane	NR	NR	NR	NR	NR
n-Methyl-2-Pyrrolidone	400°F (204°C)	400°F (204°C)	MB-6.0	NR	NR
n-Octyl Alcohol (Octanol)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
n-Propyl Alcohol (Propyl Alcohol)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Oleic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
Olive Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Orange Juice (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Oxalic Acid					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Ozone <2 ppm (5)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - RS-8.0	120°F (49°C) - RS-8.0
Palm Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Palm Oil (crude) (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Palmitic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Palmitoleic Fatty Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Parrafin Wax	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Peanut Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Pelargonic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Pentachloroethane	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Pentane	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Perchloric Acid					
30%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	100°F (38°C)	100°F (38°C)
Perchloroethylene (Tetrachloroethylene)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	110°F (43°C)	110°F (43°C)
Petroleum Ether	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Petroleum Jelly	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Petroleum Oil	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Phenol (Carbolic Acid)	NR	NR	NR	NR	NR
Phenolsulfonic Acid					
65%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Phosphoric Acid					
5%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
25%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
43%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
85%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Phosphorous	NE	NE	NE	NE	NE
Phosphorous Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Phosphorous Oxychloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Phosphorous Trichloride	400°F (204°C)	400°F (204°C)	400°F (204°C)	NR	NR
Phthalic Acid (all)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Picric Acid					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Picric Acid (conc)	400°F (204°C)	400°F (204°C)	NR	NR	NR
Pine Oil	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Polyacrylic Acid					
50%	300°F (149°C)	300°F (149°C)	300°F (149°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Polyaluminum Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Polyethylene (Plastic Pellets)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Polyethylene Glycol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Polymer Emulsion	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Polymer Mannich	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Polypropylene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Polystyrene	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Polytetrafluoroethane	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Polyvinyl Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Potash Ore	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Potassium Acetate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Potassium Bicarbonate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Potassium Bromide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Potassium Carbonate					
25%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	110°F (43°C)	110°F (43°C)
Potassium Chlorate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Potassium Chloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Potassium Cyanide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Potassium Ferricyanide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Potassium Fluoride	400°F (204°C)	400°F (204°C)	NE	NE	NE
Potassium Hydroxide					
50%	120°F (49°C)	120°F (49°C)	NR	NR	NR
Potassium Iodide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C)	120°F (49°C)
Potassium Nitrate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Potassium Permanganate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Potassium Persulfate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Potassium Sulfate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Propanediol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Propanol	110°F (43°C)	110°F (43°C)	400°F (204°C)	110°F (43°C)	110°F (43°C)
Propionic Acid					
20%	150°F (66°C)	150°F (66°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
100%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	90°F (32°C) - MB-6.0	90°F (32°C) - MB-6.0
Propylene Glycol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Pulpmill (Black Liquor) (3) (5)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - RS-8.1	150°F (66°C) - RS-8.1
Pulpmill (Green Liquor) (3) (5)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - RS-8.1	150°F (66°C) - RS-8.1
Pulpmill (White Liquor)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Pyridine					
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
100%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Salicylaldehyde	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Salicylic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Silicic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Silicon Tetrachloride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Silicone Fluids	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Silver Nitrate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Skydrol	NR	NR	NR	NR	NR
Sodium Acetate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Sodium Aluminate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Sodium Bicarbonate (1) (Baking Soda)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Bisulfate					
30%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Bisulfite					
38%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Borate (Borax)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Bromate					
5%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Bromide (all)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Carbonate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sodium Carbonate (sat'd)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Sodium Carbonate (slurry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Sodium Chlorate					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Chloride (sat'd) (3) (Brine, Water (Sea), Salt Brine)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Sodium Chlorite (>6 pH)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Sodium Chromate					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Dichromate (all)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Sodium Fluoride	400°F (204°C)	400°F (204°C)	NE	NE	NE
Sodium Formate					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Hexametaphosphate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sodium Hydrosulfide					
45%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Hydrosulfite					
10%	400°F (204°C)	400°F (204°C)	NE	NE	NE
50%	400°F (204°C)	400°F (204°C)	NE	NE	NE
Sodium Hydroxide (Caustic Soda)					
50%	400°F (204°C)	400°F (204°C)	NR	NR	NR
Sodium Hypochlorite (Bleach)					
6%	300°F (149°C)	300°F (149°C)	300°F (149°C) - RS-2.1	120°F (49°C) - RS-2.1	120°F (49°C) - RS-1.2
13%	300°F (149°C)	300°F (149°C)	300°F (149°C) - RS-2.1	NR	NR
15%	300°F (149°C)	300°F (149°C)	300°F (149°C) - RS-2.1	NR	NR
Sodium Lauryl Sulfate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Sodium Nitrate					
40%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Nitrate (dry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Sodium Oxalate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Peroxide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sodium Phosphate					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Sodium Polymethacrylate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sodium Silicate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
Sodium Silicofluoride	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sodium Sulfate					
6%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Sodium Sulfide (all)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Sodium Sulfite	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Sodium Tartrate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sodium Thiosulfate					
30%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
Sodium Tripolyphosphate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Solvesso 100	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sorbital (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Soy Sauce (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Soya Fatty Acids	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Soybean Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Stannic Chloride (all)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Stannous Chloride (all)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Starch	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Stearic Acid (conc)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Stoddard Solvent	400°F (204°C)	400°F (204°C)	NR	NR	NR
Styrene	400°F (204°C)	400°F (204°C)	NR	NR	NR
Sugars (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sulfamic Acid					
25%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sulfite Liquor (paper industry)	PC	PC	PC	PC	PC
Sulfur Dioxide (dry)	360°F (182°C)	360°F (182°C)	400°F (204°C) - RS-2.0	275°F (135°C) - MB-6.0	275°F (135°C) - MB-6.0
Sulfur Dioxide (wet)	220°F (104°C)	220°F (104°C)	400°F (204°C) - RS-2.0	PC	PC
Sulfur Trioxide (dry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Sulfur Trioxide (wet)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sulfuric Acid (Sulphuric Acid)					
5%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
30%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
70%	150°F (66°C)	150°F (66°C)	400°F (204°C) - RS-2.0	NR	NR

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
75%	150°F (66°C)	150°F (66°C)	400°F (204°C) - RS-2.0	NR	NR
98%	NR	NR	NR	NR	NR
Sulfurous Acid					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Sunflower Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Tall Oil	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Tall Oil (fatty acid)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Tallow	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Tannic Acid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Tartaric Acid (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Tertiary-Amyl Methyl Ether (TAME)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Tertiary-Butyl Alcohol (TBA) (Butanol (Tertiary))	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Tetrachloroethane	400°F (204°C)	400°F (204°C)	NR	NR	NR
Tetrahydrofuran	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Tetrahydrofurfuryl Alcohol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Tetrasodium Pyrophosphate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Thionyl Chloride	NR	NR	NR	NR	NR
Thionyl Chloride (water solution)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Titanium Dioxide (dry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Titanium Dioxide (slurry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Toluene (Toluol)	400°F (204°C)	400°F (204°C)	NR	NR	NR
Toluenesulfonic Acid	400°F (204°C)	400°F (204°C)	NR	NR	NR

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Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Toluidine	NR	NR	NR	NR	NR
Tomato Juice (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Tomato Paste	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Transmission Fluid	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Tributoxyethyl Phosphate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Trichloroacetic Acid					
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Trichlorobenzene	NR	NR	NR	NR	NR
Trichloroethylene (Vinyl Trichloride)	400°F (204°C)	400°F (204°C)	NR	NR	NR
Trichlorofluoroethane	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Tricresyl Phosphate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Triethanolamine (TEA)	300°F (149°C)	300°F (149°C)	300°F (149°C) - MB-2.0	120°F (49°C) - MB-6.0	120°F (49°C) - MB-6.0
Triethyl Phosphite	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Triethylamine	400°F (204°C)	400°F (204°C)	NR	NR	NR
Triethylene Glycol	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Triethylenetetramine	400°F (204°C)	400°F (204°C)	NR	NR	NR
Tris-(Dibromopropyl) Phosphate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Trisodium Phosphate (Sodium Phosphate (Tribasic))					
20%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Turpentine	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - RS-2.0	120°F (49°C) - RS-2.0
Urea					
50%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0

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	Intended Use (Maximum Temperature Listed)				
Chemical	**Occasional Contact**	**Frequent Contact**	**Secondary Containment**	**Cargo Immersion**	**Immersion Service**
Urea Ammonium Nitrate					
32%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0
Vegetable Oil (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NE	NE
Vinegar (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - RS-2.0	140°F (60°C) - RS-2.0
Vinyl Chloride	400°F (204°C)	400°F (204°C)	NR	NR	NR
Water (deionized, non-potable) (1) (3) (Water (Demineralized, Non-potable))	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - RS-4.0	150°F (66°C) - RS-4.0
Water (distilled, non-potable) (1) (3)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - RS-4.0	150°F (66°C) - RS-4.0
Water (fresh, non-potable) (3)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - RS-4.0	150°F (66°C) - RS-4.0
Wine (alcohol by volume)					
10%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Xylene	110°F (43°C) - MB-6.0	110°F (43°C) - MB-6.0	300°F (149°C) - RS-2.0	NR	NR
Yeast (1)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Zinc Bromide	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	120°F (49°C) - RS-2.0	120°F (49°C) - RS-2.0
Zinc Chloride					
40%	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	130°F (54°C) - MB-6.0	130°F (54°C) - MB-6.0
Zinc Phosphate (dry)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	150°F (66°C) - MB-6.0	150°F (66°C) - MB-6.0
Zinc Plating (Acid Fluoborate)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Zinc Plating (Acid Sulfate)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Zinc Plating (Cyanide)	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	NR	NR
Zinc Sulfate	400°F (204°C)	400°F (204°C)	400°F (204°C) - RS-2.0	140°F (60°C) - MB-6.0	140°F (60°C) - MB-6.0

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