

RECOMMENDED USE DEFINITIONS

IMMERSION SERVICE (Most Severe) - IS

Suitable for continuous contact with chemical exposure up to specified temperature.

CARGO IMMERSION - CI

Suitable for continuous contact with chemical exposure up to specified temperature. Coating will show no effect except slight softening or color change after 2 months or less continuous immersion (may also be used in transport and hauling situations).

SECONDARY CONTAINMENT - SC

Suitable for continuous contact with chemical for up to 72 hours. EPA regulations require removal within 48 hours or in a timely manner as possible. Softening or discoloration may occur during the exposure.

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 color change 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 color changes, following short exposure to splash or spillage which evaporates, is hosed off, or dried overnight or, 24 hours exposure to vapor.

NOT TESTED - NT

NOT RECOMMENDED - NR

PLEASE CALL - PC

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TANK ARMOR® | SERIES 335

Chemical	Intended Use (Maximum Temperature Listed)				
	Occasional Contact	Frequent Contact	Secondary Containment	Cargo Immersion	Immersion Service
1, 1, 1-Trichloroethane (Trichloroethane)	120°F (49°C)	120°F (49°C)			
Acetone	120°F (49°C)				
Ammonium Hydroxide					
5%	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Ammonium Sulfate	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
ASTM Reference (Fuels A & C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Aviation Gas	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
B20 Bio Diesel	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Benzene	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Calcium Chloride					
50%	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Castor Oil	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Copper Chloride	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Crude Oil (Sour)	275°F (135°C)	275°F (135°C)	275°F (135°C)	275°F (135°C)	275°F (135°C)
Crude Oil (Sweet)	220°F (104°C)	220°F (104°C)	220°F (104°C)	220°F (104°C)	220°F (104°C)
Diesel Fuel (Fuel Oil, Diesel Oil)	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)
Diglycolamine					
62%	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Ethanol (Ethyl Alcohol, Denatured Alcohol)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasohol E10 (10% Ethanol)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasohol E15 (15% Ethanol)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasohol E30 (30% Ethanol)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasohol E50 (50% Ethanol)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasohol E85 (85% Ethanol)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasoline (Reformulated)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasoline (Unleaded)	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)
Gasoline (w/ETBE, 15% max)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasoline (w/MTBE, 15% max)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasoline (w/TAME, 15% max)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasoline (w/TBA, 15% max)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Gasoline (w/WTBE, 15% max)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Heptane	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Hydraulic Fluid (Hydraulic Oil)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)

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Isopropyl Alcohol	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Jet A Fuel	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)
JP-4 Aviation Fuel	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
JP-5 Aviation Fuel	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Kerosene	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)
Lubricating Oil (SAE 5W-40, et al) (Motor Oil)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Magnesium Bisulfite	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Methanol (Methyl Alcohol)	NR	NR	NR	NR	NR
Methyl tert-Butyl Ether (MTBE)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Mineral Oil	180°F (82°C)	180°F (82°C)	180°F (82°C)	180°F (82°C)	180°F (82°C)
Mineral Spirits	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Naphtha	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)	150°F (66°C)
Petroleum Oil	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Pine Oil	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Propylene Glycol	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Skydrol	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Sodium Bicarbonate	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Sodium Chloride (sat'd) (Brine, Water (Sea), Salt Brine)	180°F (82°C)	180°F (82°C)	180°F (82°C)	180°F (82°C)	180°F (82°C)
Sodium Hydroxide (Caustic Soda)					
50%	100°F (38°C)	100°F (38°C)	100°F (38°C)	100°F (38°C)	100°F (38°C)
Toluene	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)
Transmission Fluid	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)	120°F (49°C)
Trichloroethylene	120°F (49°C)	120°F (49°C)			
Water (deionized, non-potable) (Water (Demineralized, Non-potable))	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)
Water (distilled, non-potable)	180°F (82°C)	180°F (82°C)	180°F (82°C)	180°F (82°C)	180°F (82°C)
Water (fresh, non-potable)	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)	200°F (93°C)
Xylene	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)	140°F (60°C)

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