



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 color change, 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 with chemical for up to 72 hours. 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, 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 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 – This chemical has not been tested or evaluated for the listed chemical.

NOT RECOMMENDED – This product is not recommended for the listed exposure. The product's resistance to the listed chemical is often queried, therefore this information is provided as a reference even though the product is not recommended.

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.

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.

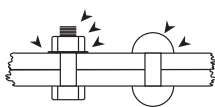
Structural designs of tanks, structures, and containment areas can greatly affect coating performance. Sharp angles, channels, edges, corners, pits, voids, defects, rough welds, and other similar conditions present areas that are either difficult to coat or achieve the required film thickness. Avoid 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.

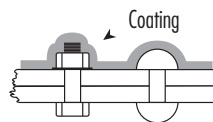
Chemical resistance information is provided for the purpose of establishing a general profile of the coating and was obtained through laboratory testing, field experience, and industry knowledge. Test results were produced in a controlled environment and Tnemec makes no claim that any tests, or published 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.

COMMON PROBLEM AREAS FOR COATINGS AND SOLUTIONS

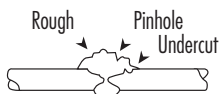
Problem:
Points of failure due to thin spots in coating



Solution:
Carefully and fully coat



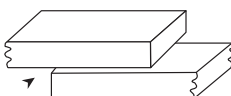
Problem:
Uneven welds



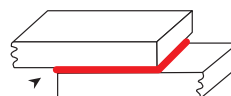
Solution:
Grind smooth



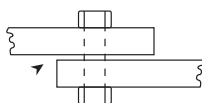
Problem:
Gaps between plates, coating can not cover



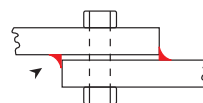
Solution:
Continuous welds



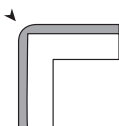
Problem:
Gaps between plates, coating can not cover



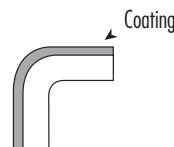
Solution:
Continuous welds



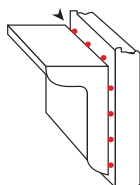
Problem:
Sharp surface contours create thin spots in coating



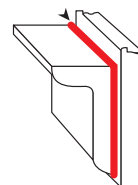
Solution:
Round the contours



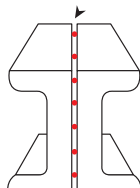
Problem:
Skip welding creates gaps that coating can not cover



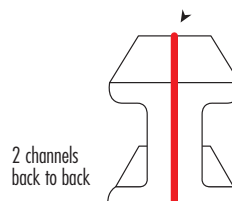
Solution:
Continuous welds



Problem:
Skip welding creates gaps that coating can not cover



Solution:
Continuous welds



IMPORTANT: Definitions for the terms and acronyms used in this guide to describe the recommended exposures, along with other important information, can be found on the cover page of this guide or by contacting Tnemec Technical Service. Coatings should not be applied in a chemical exposure environment until the user has thoroughly read and understood the product information and full project details have been discussed with Tnemec Technical Service.

ULTRA-TREAD[®] S | SERIES 245

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 the product data sheet for more information.

Chemical	Intended Use (Maximum Temperature Listed)				
	Occasional Contact	Frequent Contact	Secondary Containment	Cargo Immersion	Immersion Service
Acetaldehyde	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Acetic Acid					
5%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
10%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
30%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Acetic Acid, Glacial	NR	NR	NR	NR	NR
Acetic Anhydride					
100%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Acetone	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Adipic Acid					
25%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Allyl Alcohol	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Aluminum Bromide	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Aluminum Chloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Aluminum Nitrate					
50%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Aluminum Sulfate (Alum)					
49%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ammonium Chloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ammonium Hydroxide					
30%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ammonium Nitrate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ammonium Persulfate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ammonium Sulfate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ammonium Sulfide	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Amyl Acetate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Amyl Alcohol	100°F (38°C)	100°F (38°C)	100°F (38°C)		

IMPORTANT: Definitions for the terms and acronyms used in this guide to describe the recommended exposures, along with other important information, can be found on the cover page of this guide or by contacting Tnemec Technical Service. Coatings should not be applied in a chemical exposure environment until the user has thoroughly read and understood the product information and full project details have been discussed with Tnemec Technical Service.

ULTRA-TREAD[®] S | SERIES 245

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 the product data sheet for more information.

Chemical	Intended Use (Maximum Temperature Listed)				
	Occasional Contact	Frequent Contact	Secondary Containment	Cargo Immersion	Immersion Service
Aniline Hydrochloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Aqua Ammonia	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Aqua Regia	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Barium Sulfate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Barium Sulfide	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Beer (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Benzaldehyde	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Benzene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Benzene Sulfonic Acid	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Bromine					
5%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Bromine Gas (Dry)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Butyl Acrylate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Butyric Acid	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Cadmium Chloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Calcium Bisulfite	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Calcium Chloride					
50%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Calcium Nitrate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Calcium Nitrite	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Calcium Sulfate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Carbon Dioxide	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Carbon Tetrachloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Castor Oil	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Chloracetic Acid					
20%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Chlorobenzene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Chloroform	100°F (38°C)	100°F (38°C)	100°F (38°C)		

IMPORTANT: Definitions for the terms and acronyms used in this guide to describe the recommended exposures, along with other important information, can be found on the cover page of this guide or by contacting Tnemec Technical Service. Coatings should not be applied in a chemical exposure environment until the user has thoroughly read and understood the product information and full project details have been discussed with Tnemec Technical Service.

ULTRA-TREAD[®] S | SERIES 245

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 the product data sheet for more information.

Chemical	Intended Use (Maximum Temperature Listed)				
	Occasional Contact	Frequent Contact	Secondary Containment	Cargo Immersion	Immersion Service
Chromic Acid					
10%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Citric Acid					
50%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Corn Oil (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Cottonseed Oil (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Crude Oil (Sour)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Cyclohexane	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Cyclohexanone	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Dichloroacetic Acid					
20%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Dimethyl Formamide	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Dimethylaniline	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Dinitrobenzene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ethyl Acetate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ethyl Chloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ethyl Sulfate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ethylamine	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ethylene Dichloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ethylene Glycol	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Ferric Nitrate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Fluorosilicic Acid (Hydrofluorosilicic Acid)					
10%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
25%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Formaldehyde					
37%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Furfuryl Alcohol	100°F (38°C)	100°F (38°C)	100°F (38°C)		

IMPORTANT: Definitions for the terms and acronyms used in this guide to describe the recommended exposures, along with other important information, can be found on the cover page of this guide or by contacting Tnemec Technical Service. Coatings should not be applied in a chemical exposure environment until the user has thoroughly read and understood the product information and full project details have been discussed with Tnemec Technical Service.

ULTRA-TREAD® S | SERIES 245

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 the product data sheet for more information.

Chemical	Intended Use (Maximum Temperature Listed)				
	Occasional Contact	Frequent Contact	Secondary Containment	Cargo Immersion	Immersion Service
Gasoline (Unleaded)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Glycerin	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Glycol Acid	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Gold Plating (Cyanide)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Gold Plating Solution	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Grape Juice	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Heptane	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Hexane	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Hydrochloric Acid					
37%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Hydrofluoric Acid					
10%	NR	NR	NR	NR	NR
20%	NR	NR	NR	NR	NR
Hydrogen Peroxide					
30%	100°F (38°C)				
Hypochlorous Acid	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Isopropyl Alcohol	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Isopropyl Ether	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Jet A Fuel	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Kerosene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Lactic Acid					
85%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Lard (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Lead Acetate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Linseed Oil	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Maleic Acid	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Malic Acid	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Methyl Acetate	100°F (38°C)	100°F (38°C)	100°F (38°C)		

IMPORTANT: Definitions for the terms and acronyms used in this guide to describe the recommended exposures, along with other important information, can be found on the cover page of this guide or by contacting Tnemec Technical Service. Coatings should not be applied in a chemical exposure environment until the user has thoroughly read and understood the product information and full project details have been discussed with Tnemec Technical Service.

ULTRA-TREAD® S | SERIES 245

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 the product data sheet for more information.

Chemical	Intended Use (Maximum Temperature Listed)				
	Occasional Contact	Frequent Contact	Secondary Containment	Cargo Immersion	Immersion Service
Methyl Chloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Methyl Ethyl Ketone	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Methyl Isobutyl Ketone	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Methylene Chloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Milk (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Mineral Oil	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Mineral Spirits	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Molasses (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Naphthalene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Nitric Acid					
10%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
25%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
70%	NR	NR	NR	NR	NR
Nitrobenzene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Perchloric Acid					
30%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Perchloroethylene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Phosphoric Acid					
5%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
85%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Picric Acid					
10%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Bicarbonate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Bromide	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Carbonate					
25%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Chlorate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Chloride	100°F (38°C)	100°F (38°C)	100°F (38°C)		

IMPORTANT: Definitions for the terms and acronyms used in this guide to describe the recommended exposures, along with other important information, can be found on the cover page of this guide or by contacting Tnemec Technical Service. Coatings should not be applied in a chemical exposure environment until the user has thoroughly read and understood the product information and full project details have been discussed with Tnemec Technical Service.

ULTRA-TREAD[®] S | SERIES 245

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 the product data sheet for more information.

Chemical	Intended Use (Maximum Temperature Listed)				
	Occasional Contact	Frequent Contact	Secondary Containment	Cargo Immersion	Immersion Service
Potassium Cyanide	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Fluoride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Hydroxide					
50%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Nitrate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Permanganate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Persulfate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Potassium Sulfate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Propionic Acid					
50%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Propylene Glycol	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Pyridine	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Salicylic Acid	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Silver Nitrate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Skydrol	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Acetate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Bicarbonate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Bisulfate					
30%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Bisulfite					
38%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Chloride (sat'd) (Brine, Water (Sea), Salt Brine)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Cyanide					
18%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Dichromate (all)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Fluoride	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Hydroxide (Caustic Soda)					

IMPORTANT: Definitions for the terms and acronyms used in this guide to describe the recommended exposures, along with other important information, can be found on the cover page of this guide or by contacting Tnemec Technical Service. Coatings should not be applied in a chemical exposure environment until the user has thoroughly read and understood the product information and full project details have been discussed with Tnemec Technical Service.

ULTRA-TREAD[®] S | SERIES 245

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 the product data sheet for more information.

Chemical	Intended Use (Maximum Temperature Listed)				
	Occasional Contact	Frequent Contact	Secondary Containment	Cargo Immersion	Immersion Service
50%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Peroxide	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Sulfide (all)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sodium Sulfite	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Stannic Chloride (all)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Stearic Acid (conc)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Styrene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sugars (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sulfur Trioxide (wet)	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Sulfuric Acid (Sulphuric Acid)					
30%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
50%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
70%	NR	NR	NR	NR	NR
98%	NR	NR	NR	NR	NR
Tartaric Acid	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Tetrachloroethane	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Toluenesulfonic Acid	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Trichloroacetic Acid					
20%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Trichlorobenzene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Trichloroethylene	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Triethylenetetramine	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Trisodium Phosphate (Sodium Phosphate (Tribasic))					
20%	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Turpentine	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Urea					
50%	100°F (38°C)	100°F (38°C)	100°F (38°C)		

IMPORTANT: Definitions for the terms and acronyms used in this guide to describe the recommended exposures, along with other important information, can be found on the cover page of this guide or by contacting Tnemec Technical Service. Coatings should not be applied in a chemical exposure environment until the user has thoroughly read and understood the product information and full project details have been discussed with Tnemec Technical Service.

ULTRA-TREAD[®] S | SERIES 245

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 the product data sheet for more information.

Chemical	Intended Use (Maximum Temperature Listed)				
	Occasional Contact	Frequent Contact	Secondary Containment	Cargo Immersion	Immersion Service
Urea Ammonium Nitrate	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Vegetable Oil (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Vinegar (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Wine (non-food contact) ¹	100°F (38°C)	100°F (38°C)	100°F (38°C)		
Xylene	100°F (38°C)	100°F (38°C)	100°F (38°C)		

IMPORTANT: Definitions for the terms and acronyms used in this guide to describe the recommended exposures, along with other important information, can be found on the cover page of this guide or by contacting Tnemec Technical Service. Coatings should not be applied in a chemical exposure environment until the user has thoroughly read and understood the product information and full project details have been discussed with Tnemec Technical Service.