

MaxPox® VE

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	• MaxPox® VE
Trade Name	• MaxPox® VE
Company	• Maxliner, 450 College Drive, Martinsville, VA 24112 USA
Company Contact	• info@maxlinerusa.com
Company Phone	• 1-877-426-5948
Emergency	• 24-Hour Emergency Contact: (Infotrac) 1-800-535-5053 • Local Emergency Contact: 1-800-535-5053

2. HAZARDS IDENTIFICATION

OSHA/HCS status	• This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).	
<i>Classification of the substance or mixture</i>	<i>Flammable Liquids</i>	• Category 3
	<i>Acute Toxicity (inhalation)</i>	• Category 4
	<i>Skin Irritation</i>	• Category 2
	<i>Eye Irritation</i>	• Category 2A
	<i>Specific target organ toxicity (single exposure)</i> <i>(Respiratory tract irritation)</i>	• Category 3
	<i>Specific target organ toxicity (repeated exposure)</i> <i>(Hearing organs)</i>	• Category 1
	<i>Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity</i>	• 41.4%
<i>Label elements</i>	 <i>Pictogram</i>	
<i>Signal word</i>	• Danger	
Hazard statements	• Flammable liquid and vapor.	
	• Harmful if inhaled.	
	• Causes serious eye irritation.	
	• Causes skin irritation.	
	• May cause respiratory irritation.	
	• Causes damage to organs through prolonged or repeated exposure. (hearing organs)	

2. HAZARDS IDENTIFICATION (CONTINUED)**Precautionary statements**

<i>Prevention</i>	Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
<i>Response</i>	Get medical attention if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
<i>Storage</i>	Store in a well-ventilated place. Keep cool. Store containers in a safe place.
<i>Disposal</i>	Dispose of contents and container in accordance with all local, regional, national and international regulations. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
<i>Hazards not otherwise classified</i>	None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

<i>Other means of identification</i>	Vinyl Ester R	
Ingredient name	Percent	CAS number
<i>Styrene</i>	<= 42.0	100-42-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Any concentration shown as exact is based on formula.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

VOC content is listed in Section 9.

Environmental composition is shown in Section 15.

4. FIRST AID MEASURES

Description of necessary first aid measures

<i>Eye contact</i>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. Buffered baby shampoo will aid in removal of resin.
<i>Inhalation</i>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<i>Skin contact</i>	Remove contaminated clothing and shoes. Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<i>Ingestion</i>	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

<i>Eye contact</i>	Causes serious eye irritation.
<i>Inhalation</i>	Harmful if inhaled. May cause respiratory irritation.
<i>Skin contact</i>	Causes skin irritation
<i>Ingestion</i>	No known significant effects or critical hazards.

Over-exposure signs/symptoms

<i>Eye contact</i>	Adverse symptoms may include the following: pain or irritation watering redness.
<i>Inhalation</i>	Adverse symptoms may include the following: respiratory tract irritation coughing.
<i>Skin contact</i>	Adverse symptoms may include the following: irritation redness
<i>Ingestion</i>	No specific data.

4. FIRST AID MEASURES (CONTINUED)**Indication of immediate medical attention and special treatment needed, if necessary.**

<i>Notes to physician</i>	• Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<i>Specific treatments</i>	• No specific treatment.
<i>Protection of first-aiders</i>	• No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

5. FIRE FIGHTING MEASURES**Extinguishing Media**

<i>Suitable extinguishing media</i>	• Use dry chemical, CO₂, water spray (fog) or foam.
<i>Unsuitable extinguishing media</i>	• Do not use water jet.
<i>Specific hazards arising from the chemical</i>	• Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.
<i>Hazardous thermal decomposition products</i>	• Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds.
<i>Special protective actions for fire-fighters</i>	• Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
<i>Special protective equipment for fire-fighters</i>	• Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

<i>For non-emergency personnel</i>	• No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
<i>For emergency responders</i>	• If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".
<i>Environmental precautions</i>	• Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6. ACCIDENTAL RELEASE MEASURES (CONTINUED)

Methods and materials for containment and cleaning up

<i>Small spill</i>	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container. Wear appropriate respirator when ventilation is inadequate. Wear eye/face protection.
<i>Large spill</i>	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. Wear appropriate respiratory protection. Wear protective clothing and eye or face protection.

7. HANDLING AND STORAGE

Precautions for safe handling

<i>Protective measures</i>	Put on appropriate personal protective equipment (see Section 8). Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
<i>Advice on general occupational hygiene</i>	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
<i>Conditions for safe storage, including any incompatibilities</i>	Do not store above the following temperature: 38°C (100.4°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store containers in a safe place.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters		Occupational exposure limits
Ingredient Name: Styrene		Exposure limits
<i>ACGIH TLV (United States, 3/2019)</i>		• TWA: 20 ppm 8 hours • STEL: 40 ppm 15 minutes
<i>OSHA PEL 1989 (United States, 3/1989)</i>		• TWA: 50 ppm 8 hours • TWA: 215 mg/m³ 8 hours • STEL: 100 ppm 15 minutes • STEL: 425 mg/m³ 15 minutes
<i>OSHA PEL Z2 (United States, 2/2013)</i>		• TWA: 100 ppm 8 hours • CEIL: 200 ppm • AMP: 600 ppm 5 minutes
<i>NIOSH REL (United States, 10/2016)</i>		• TWA: 50 ppm 10 hours • TWA: 215 mg/m³ 10 hours • STEL: 100 ppm 15 minutes • STEL: 425 mg/m³ 15 minutes
Skin protection		
<i>Hand protection</i>	• Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.	
<i>Body protection</i>	• Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.	
<i>Other skin protection</i>	• Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	
<i>Respiratory protection</i>	• Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.	

9. PHYSICAL & CHEMICAL PROPERTIES

<i>Physical state</i>	• Liquid
<i>Color</i>	• Various
<i>Odor</i>	• Characteristic
<i>Odor Threshold</i>	• 0.1 ppm
<i>pH</i>	• Not applicable
<i>Melting point</i>	• Not available
<i>Boiling point</i>	• No test data available
<i>Flash Point</i>	• Closed cup: 31°C (87.8°F)
<i>Evaporation Rate</i>	• <1(butyl acetate = 1)
<i>Flammability (solid, gas)</i>	• Not applicable
<i>Lower explosion (flammable) limits</i>	• Lower: 0.9%
<i>Upper explosion (flammable) limits</i>	• Upper: 6.8%
<i>Vapor pressure</i>	• 0.67 kPa (5 mm Hg) [room temperature]
<i>Vapor density</i>	• 3.6 [Air= 1]
<i>Relative Density</i>	• 0.1 to 1.3
<i>Solubility</i>	• Not available
<i>Solubility in water</i>	• Not applicable
<i>Partition coefficient: n-octanal/water</i>	• Not available
<i>Auto-ignition temperature</i>	• Not available
<i>Viscosity</i>	• Not available
<i>VOC content</i>	• 41.7% (w/w) As shipped, including monomers and additives

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

<i>Reactivity</i>	• No specific test data related to reactivity available for this product or its ingredients.
<i>Chemical stability</i>	• The product is stable.
<i>Possibility of hazardous reactions</i>	• Hazardous reactions or instability may occur under certain conditions of storage or use.
<i>Conditions to avoid</i>	• Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas. • Hazardous polymerization may occur under certain conditions of storage or use. Keep away from heat and direct sunlight. Keep away from heat and flame. Keep away from oxidizing agents.
<i>Incompatible materials</i>	• Reactive or incompatible with the following materials: oxidizing materials. • Reactive or incompatible with the following materials: metals, acids and alkalis. Incompatible with alkali metals. Incompatible with some strong acids. Incompatible with copper alloys, brass.
<i>Hazardous decomposition products</i>	• Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute toxicological effects: Styrene

Result	Species	Dose	Exposure
LC50 Inhalation Gas	Rat	2770 ppm	4 hours
LC50 Inhalation Vapor	Rat	118 00 mg/m ³	0.06 mg/m ³
LD50 Oral	Rat	2650 mg/kg	

Irritation/Corrosion: Styrene

Result	Species	Exposure	Observation	Score
Eyes - Mild irritant	Human	50 ppm	-	-
Eyes - Moderate irritant	Rabbit	100mg, 24 hours	-	-
Eyes - Severe irritant	Rabbit	100 mg	-	-
Skin - Mild irritant	Rabbit	500 mg	-	-
Skin - Moderate irritant	Rabbit	100%	-	-

Toxicological effects: Styrene

Sensitization	Not Available
Mutagenicity	Not Available
Carcinogenicity	Not Available
Conclusion/Summary	- Styrene manufacturers have determined that the weight of evidence for the carcinogenicity of this substance does not meet the criteria for classification. - In 2018, styrene was listed by IARC as a probable carcinogen to humans (Group 2A) based on hazard assessment data. The United States NTP listed styrene as reasonably anticipated to be a human carcinogen based on "limited evidence" from studies in humans, "sufficient evidence" from studies in experimental animals, and supporting data on mechanisms of carcinogenesis. The significance of these results for humans has not been established through risk assessment.

11. TOXICOLOGICAL INFORMATION (CONTINUED)

Classification

Product/Ingredient	OSHA	IARC	NTP
Styrene	-	2A	Reasonably anticipated to be a human carcinogen

Reproductive toxicity Not available

Teratogenicity Not available

Specific Target Organ Toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Styrene	Category 3	Not applicable	Respiratory tract irritation

Specific Target Organ Toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Styrene	Category 1	Inhalation	Hearing organs

A study of long-term effects of workers exposed to styrene levels in the range of 25-35 ppm for an 8-hour TWA indicated a possible mild hearing loss.

Aspiration Hazard

Name	Result
Styrene	Aspiration Hazard - Category 1
Information on the likely routes of exposure	Not available

Potential acute health effects

<i>Eye contact</i>	• Adverse symptoms may include: pain or irritation, watering, redness
<i>Inhalation</i>	• Adverse symptoms may include: respiratory tract irritation, coughing
<i>Skin contact</i>	• Adverse symptoms may include: irritation, redness
<i>Ingestion</i>	• No specific data

Delayed and immediate effects and also chronic effects from short- and long-term exposure

<i>Short term exposure</i>	• Potential immediate effects	• Not available
	• Potential delayed effects	• Not available
<i>Long term exposure</i>	• Potential immediate effects	• Not available
	• Potential delayed effects	• Not available

Potential Chronic Health Issues

<i>General</i>	• Causes damage to organs through prolonged or repeated exposure.
<i>Mutagenicity</i>	• No known significant effects or critical hazards.
<i>Teratogenicity</i>	• No known significant effects or critical hazards.
<i>Developmental effects</i>	• No known significant effects or critical hazards.
<i>Fertility effects</i>	• No known significant effects or critical hazards.

Numerical measures of toxicity, Acute toxicity estimates

	Route	ATE value
	Oral	6407.6 mg/kg
	Inhalation (gases)	6697.8 ppm
	Inhalation (vapors)	28.53 mg/l

12. ECOLOGICAL INFORMATION

Toxicity

Product/ Ingredient	Result	Species	Exposure
Styrene	Acute EC50 1400 µg/l Fresh water	Algae – Pseudokirchneriella subcapitata	72 Hours
	Acute EC50 720 µg/l Fresh water	Daphnia – Daphnia magna	96 Hours
	Acute EC50 4700 µg/l Fresh water	Crustaceans – Artemia salina	48 Hours
	Acute LC50 52 mg/l Marine water	Crustaceans – Artemia salina	48 Hours
	Acute LC50 4020 µg/l Fresh water	Fish – Pimephales promelas	96 Hours
	Chronic NOEC 63 µg/l Fresh water	Algae – Pseudokirchneriella subcapitata	96 Hours

Persistence and degradability

Product/ Ingredient	Test	Result	Dose	Inoculum
Styrene	OECD	70 %-Readily-28 days	-	-
Product/ Ingredient	Aquatic Half-Life	Photolysis	Biodegradability	
Styrene	-	-	Readily	

Bioaccumulate potential

Product/ Ingredient	logPow	BCF	Potential
Styrene	-	-	low

Mobility in soil

Soil/water partition coefficient (K _{oc})	• Not available
Other adverse effects	• No known significant effects or critical hazards

13. DISPOSAL CONSIDERATIONS

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

	DOT Classification	Mexico Classification	TDG Classification	IATA	IMDG
<i>UN number</i>	UN1866	UN1866	UN1866	UN1866	UN1866
<i>UN proper shipping name</i>	Resin solution	Resin solution	Resin solution	Resin solution	Resin solution
<i>Transport hazard class(es)</i>	3	3	3	3	3
<i>Packing group</i>	III	III	III	III	III
<i>Environmental hazards</i>	No	No	No	No	No

Additional Information

<i>DOT Classification</i>	Reportable quantity 2418 lbs/1097.8 kg [251.08 gal 950.44 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RO (reportable quantity) transportation requirements.
<i>TDG Classification</i>	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).
<i>Special precautions for user</i>	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage
<i>Transport in bulk according to Annex II of MARPOL and the IBC Code</i>	Not available.

15. REGULATORY INFORMATION

U.S. Federal regulations	- TSCA 8(a) CDR Exempt/Partial exemption: Not determined - Clean Water Act (CWA) 311: Styrene
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	Listed. If components are "Listed", and additional information is required, contact Supplier using email in Section 16
Clean Air Act Section 602 Class I Substances	Not listed
Clean Air Act Section 602 Class II Substances	Not listed

SARA 302/304**Composition Information on ingredients****Name:** Y,4-dihydroxybenzene

		SARA 302 TPQ		SARA 304 RQ	
		pounds	gallons	pounds	gallons
%	EHS				
<0.1	Yes	500 / 10000	-	100	-

SARA 304 RQ 3333333.3 lbs/ 1513333.3 kg (346130.2 gal/ 1310245.3 L]**SARA 311/312**

Classification	Flammable	Category 3
	Acute toxicity (inhalation)	Category 4
	Skin irritation	Category 2
	Eye irritation	Category 2A
	Specific target organ toxicity (single exposure) (Respiratory tract irritation)	Category 3
	Specific target organ toxicity (single exposure) (repeated exposure) (hearing organs)	Category 1

SARA 313

	Product name	CAS Number	%
Form R - Reporting requirements	Styrene	100-42-5	<=42
Supplier notification	Styrene	100-42-5	41.36

SARA 313 notifications must not be detached from the SOS and any copying and redistribution of the SOS shall include copying and redistribution of the notice attached to copies of the SOS subsequently redistributed. Any concentration shown as exact is based on formula.

State Regulations

Massachusetts	The following components are listed: Styrene; Phenylethylene
New York	The following components are listed: Styrene
New Jersey	The following components are listed: Styrene Monomer; Benzene, Ethenyl
Pennsylvania	The following components are listed: Benzene, Ethenyl
California Prop. 65	The following components are listed. For more information go to www.P65Warnings.ca.gov. Styrene, Methenol

15. REGULATORY INFORMATION (CONTINUED)

Inventory List

<i>Australia</i>	• All components are listed or exempted.
<i>Canada</i>	• All components are listed or exempted.
<i>China</i>	• All components are listed or exempted.
<i>Europe</i>	• All components are listed or exempted.
<i>Japan</i>	• Japan inventory (ENCS): Not determined. • Japan inventory (ISHL): Not determined.
<i>Malaysia</i>	• Not determined.
<i>New Zealand</i>	• All components are listed or exempted.
<i>Philippines</i>	• All components are listed or exempted.
<i>Republic of Korea Taiwan</i>	• All components are listed or exempted.
<i>Taiwan</i>	• All components are listed or exempted.
<i>Thailand</i>	• Not determined.
<i>Turkey</i>	• Not determined.
<i>United States</i>	• All components are listed or exempted.
<i>Viet Nam</i>	• All components are listed or exempted.

16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)	Health	Flammability	Physical hazards
	2	3	1

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)	Health	Flammability	Instability/Reactivity
	2	3	1

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency. Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

16. OTHER INFORMATION (CONTINUED)

Procedure used to derive the classification

Classification	Category	Justification
<i>Flammable liquids</i>	Category 3	On basis of test data
<i>Acute toxicity (inhalation)</i>	Category 4	Calculation method
<i>Skin irritation</i>	Category 2	Calculation method
<i>Eye irritation</i>	Category 2A	Calculation method
<i>Specific target organ toxicity (single exposure) (Respiratory tract irritation)</i>	Category 3	Calculation method
<i>Specific target organ toxicity (single exposure) (repeated exposure) (hearing organs)</i>	Category 1	Calculation method

Legend

<i>ATE</i>	• Acute Toxicity Estimate
<i>BCF</i>	• Bioconcentration Factor
<i>GHS</i>	• Globally Harmonized System of Classification and Labelling of Chemicals
<i>IATA</i>	• International Air Transport Association
<i>IBC</i>	• Intermediate Bulk Container
<i>IMDG</i>	• International Maritime Dangerous Goods
<i>logPow</i>	• Logarithm of the octanol/water partition coefficient
<i>MARPOL</i>	• International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations

Information Source and References

- 29 CFR 1910.1200 Hazard Communication Standard, March 2012
- CCR Title 27 Division 4 Office of Environmental Health Hazard Assessment (California Prop. 65)
- American Composites Manufacturers Association
- Styrene Information and Research Center

Disclaimer

- MAXLINER urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific SDSs, we are not and cannot be responsible for SDSs obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.