

## SAFETY DATA SHEET

## Section 1: IDENTIFICATION

**PRODUCT NAME:** Trinity Shields Conformal Coating A101

**IDENTIFICATION NUMBER:** A101

**PRODUCT USE:** Acrylic Resin Conformal Coating

**BRAND OWNER / MANUFACTURER:**

Trinity Shields LLC  
5729 Lebanon Road  
Suite 144 # 338  
Frisco, TX 75034 USA

**24 HOUR EMERGENCY PHONE:** INFOTRAC +1-352-323-3500

**SAFETY DATA SHEET COORDINATOR:** Manuel Hernandez +1-347-634-5388

**DISTRIBUTION:**

**AMERICAS:**

Trinity Shields LLC  
Frisco, TX, USA

**EUROPE:**

EuroGluePartner UG  
Germany

**ASIA:**

SCH Coating Services PVT LTD  
India

## Section 2: HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Dermal Category 4  
Acute toxicity - Inhalation (Vapors) Category 4  
Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2B  
Carcinogenicity Sub-category 1B  
Reproductive toxicity Category 2  
Specific target organ toxicity (repeated exposure) Category 2  
Chronic aquatic toxicity Category 3  
Flammable liquids Category 3

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Flam. Liq. 2; H225  
Repr. 2: H361d  
Skin Irrit. 2: H315  
STOR RE 2: H373i

**Classification in accordance with Directive 67-547-EEC or 1999/45/EC**

F; R11  
Repr. Cat. 3; R63  
Xi; R38

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Xn: R48/20  
Xn: R20/21

**Label elements**

**Labeling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

**Hazard pictograms**



**Signal Word**  
Danger

**Hazardous component(s) to be indicated on label:**  
Toluene

**Hazard Statements**

H225 - Flammable liquid and vapor  
H315 - Causes skin irritation  
H361 - Suspected of damaging fertility or the unborn child  
H373 - May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements – Prevention**

P201 - Obtain special instructions before use  
P281 – Use personal protective equipment as required  
P362 – Take off contaminated clothing and wash before reuse  
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

**Precautionary Statements - Response**

P332 + P313 - IF exposed or concerned: Get medical advice/attention  
P305 + P352 + P358 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 advice/attention  
P302 + P352: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse  
P304 + P340 – IF INHALED: Move victim to fresh air and keep at rest in position comfortable for breathing  
P301 + P330 + P312 – If swallowed, immediately rinse mouth and call POISON CONTROL.  
P331 – Do NOT induce vomiting  
P370 - In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**

P403 + P235 - Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

P501 - Dispose of contents/container to industrial incineration plant  
P501 - Dispose of in accordance with federal, state and local regulations

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## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS #	INGREDIENT % RANGE
Modified Alkyd Resin	Proprietary*	49 - 51
Xylene	1330-20-7	< 40
Toluene	108-88-3	< 20
Ethylbenzene	100-41-4	< 10

## Section 4: FIRST AID MEASURES

<b>GENERAL INFORMATION:</b>	Immediate medical attention is required. Show this data sheet to the doctor in attendance. If symptoms persist, call a physician.
<b>EYE CONTACT:</b>	Immediately flush eyes with large quantities of clean water, also under the eyelids. Keep eyes wide open while rinsing. If symptoms persist, call a physician.
<b>SKIN CONTACT:</b>	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash before reuse. Get medical attention if irritation develops or persists.
<b>INGESTION:</b>	Remove victim to fresh air. Keep warm and quiet. If not breathing, give artificial respiration. If breathing is difficult, give oxygen by trained personnel. GET MEDICAL ATTENTION.
<b>INHALATION:</b>	Do not induce vomiting unless directed to do so by a physician or poison control center. This material might enter the lungs during vomiting. Immediately give the victim one or two glasses of water or milk to drink. Never give anything by mouth to an unconscious person. GET IMMEDIATE MEDICAL ATTENTION.

## Section 5: FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Carbon dioxide (CO <sub>2</sub> ), Foam, Dry chemical, Water spray
<b>Unsuitable Extinguishing Media</b>	Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

**Hazardous combustion products** Carbon monoxide, Carbon dioxide (CO<sub>2</sub>)

**Combustion/Explosion Hazards** Flammable. Vapors may form explosive mixture with air. Flash back possible over considerable distance. Empty containers may retain product residue (liquid and/or vapor). Do not pressurize, cut, weld, braze, solder, drill, grind, or expose these containers to heat, flame, sparks, static electricity, or other sources of ignition as the container may explode and may cause injury or death. Empty drums should be completely drained and properly banded. Empty drums should be promptly returned to a drum reconditioner or properly disposed. Closed containers may rupture when exposed to extreme heat.

Protective Equipment and Precautions for Firefighters:

Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazard while extinguishing the blaze. DO NOT extinguish a fire resulting from the flow of this flammable liquid until the flow of liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished. Use water spray to cool fire-exposed containers.

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## Section 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Keep people away and upwind of spills.
- Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer systems. Avoid release into the environment. Dispose of contents/containers to an approved waste disposal plant. See Section 12 for addition Ecological information.
- Methods for Containment:** Prevent further leakage or spillage if safe to do so.
- Methods for Cleaning Up:** Dam up. Take up with sand, earth or other noncombustible absorbent materials. Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## Section 7: HANDLING AND STORAGE

- Handling:** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and ignition. Take precautionary measures against static discharge. Use only in an area containing flame proof equipment. Do not breathe vapors or spray mist. Ensure adequate ventilation. To avoid ignition of vapors by static electric discharge, all metal parts of the equipment must be grounded. Use only in area provided with appropriate exhaust ventilation. Do not eat, drink or smoke when using this product.
- Conditions for safe storage:** Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well ventilated place.
- Incompatible Products:** Strong oxidizing agents.

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## Section 8: EXPOSURES CONTROLS / PERSONAL PROTECTION

**Xylene (CAS #: 1330-20-7, EC No. 215-535-7)**

ACGIH TLV	100 ppm TWA 150 ppm STEL A4 Not Classifiable as a Human Carcinogen
OSHA PEL	100 ppm TWA 435 mg/m <sup>3</sup> TWA
Canada - Alberta OELs	150 ppm STEL 651 mg/m <sup>3</sup> STEL 100 ppm TWA 434 mg/m <sup>3</sup> TWA
Canada - Ontario OELs	100 ppm TWA 150 ppm STEL
Canada - British Columbia OELs	100 ppm TWA
Mexico OEL	150 ppm STEL 655 mg/m <sup>3</sup> STEL 100 ppm TWA 435 mg/m <sup>3</sup> TWA

**Toluene (CAS #: 108-88-3, EC No. 203-625-9)**

ACGIH TLV	20 ppm TWA A4 Not Classifiable as a Human Carcinogen
OSHA PEL	200 ppm TWA 300 ppm Ceiling
Canada - Alberta OELs	50 ppm TWA 188 mg/m <sup>3</sup> TWA Substance may be readily absorbed through intact
Canada - Ontario OELs	20 ppm TWA
Canada - British Columbia OELs	20 ppm TWA
NIOSH IDLH	500 ppm Immediately dangerous to life or health IDLH
Mexico OEL	50 ppm TWA 188 mg/m <sup>3</sup> TWA (skin)

**Ethylbenzene (CAS #: 100-41-4, EC No. 202-849-4)**

ACGIH TLV	20 ppm TWA A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans
OSHA PEL	100 ppm TWA 435 mg/m <sup>3</sup> TWA
Canada - Alberta OELs	125 ppm STEL 543 mg/m <sup>3</sup> STEL 100 ppm TWA 434 mg/m <sup>3</sup> TWA
Canada - Ontario OELs	100 ppm TWA 125 ppm STEL
Canada - British Columbia OELs	20 ppm TWA
NIOSH IDLH	800 ppm Immediately dangerous to life or health IDLH
Mexico OEL	125 ppm STEL 545 mg/m <sup>3</sup> STEL 100 ppm TWA 435 mg/m <sup>3</sup> TWA

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### Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

TLV® (Threshold Limit Value)

TWA (time-weighted average)

STEL - Short Term Exposure Limit

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

OEL - Occupational Exposure Limit

NIOSH - National Institute for Occupational Safety and Health

IDLH - Immediately Dangerous to Life or Health

SKIN: Skin Absorption

### Appropriate engineering controls

#### Engineering Controls

Use general ventilation to maintain airborne concentrations to levels that are below regulatory and recommended occupational exposure limits. Local ventilation may be required during certain operations. Use explosion-proof equipment.

### Individual protection measures, such as personal protective equipment

#### Eye/face Protection

Tight sealing safety goggles. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Skin Protection

Wear protective nitrile or rubber gloves. Impervious clothing and Boots. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

#### Respiratory Protection

None required if hazards have been assessed and airborne concentrations are maintained below the exposure limits listed in Section 8. Wear an approved air-purifying respirator with organic vapor cartridges where airborne concentrations may exceed exposure limits in Section 8. Use an approved positive-pressure air-supplied respirator with emergency escape provisions if there is any potential for an uncontrolled release, airborne concentrations are not known, or any other circumstances where air-purifying respirators may not provide adequate protection

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Amber
Odor	Aromatic
Odor Threshold	20 ppm (Xylene)
Physical State	Liquid
pH	No information available
Flash Point	27 °C / 81 °F
Flash Point Method:	Seta closed cup
Autoignition Temperature	527 °C / 980 °F (Xylene)
Boiling point / boiling range	137 °C / 279 °F (Xylene)
Melting point / Freezing point	No information available
Flammability Limit in Air	
Lower	1.0% (Xylene)
Upper	6.6% (Xylene)
Specific Gravity	0.946 - 0.97 @ 25°C
Solubility	Insoluble (Water)
Evaporation Rate	0.86 (BuAc = 1) (Xylene)
Vapor Pressure	9 mmHg @ 20 °C / 68 °F (Xylene)
Vapor Density	3.66 (Air = 1.0) (Xylene)
Explosive Properties	No information available
Oxidizing Properties	No information available
Percent Volatile, wt. %	49 - 51 % by weight
VOC Content:	479 g/l (calculated) product as supplied
Viscosity	3.4 - 4.7 Stokes @ 25°C
Partition Coefficient (n-octanol/water)	No information available
Decomposition temperature	No information available

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## Section 10: STABILITY AND REACTIVITY

**Reactivity**

No dangerous reaction known under conditions of normal use.

**Chemical Stability**

Stable under normal conditions.

**Possibility of Hazardous Reactions**

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep away from open flames, hot surfaces and sources of ignition. Contamination.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

## Section 11: TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Primary Routes of Entry** Skin Contact, Inhalation, Eye contact, Skin absorption

**Acute toxicity****Xylene**

**Oral LD50** = 4300 mg/kg (Rat)  
= 4820 mg/kg (Rat)  
**Dermal LD50** > 1700 mg/kg (Rabbit)  
> 2000 mg/kg (Rabbit)

**Ethylbenzene**

**Oral LD50** = 3500 mg/kg (Rat)  
= 4820 mg/kg (Rat)  
**Dermal LD50** = 15354 mg/kg (Rabbit)  
> 2000 mg/kg (Rabbit)

**Toluene**

**Oral LD50** = 5000 mg/kg (Rat)  
**Dermal LD50** = 8390 mg/kg (Rabbit)  
= 12124 mg/kg (Rat)

**Styrene**

**Oral LD50** = 5000 mg/kg (Rat)  
**Dermal LD50** > 2000 mg/kg (Rat)  
**Inhalation LC50** = 11.8 mg/l (4 H) (Rat)

**Information on toxicological effects**

**Symptoms** Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Eyes** Causes eye irritation.

**Skin** Irritating to skin. Repeated exposure may cause skin dryness or cracking.

**Inhalation** Inhalation of vapors in high concentration may cause irritation of respiratory system. Inhalation of high vapor concentrations can cause CNS-depression and narcosis.

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<b>Ingestion</b>	Ingestion (swallowing) may irritate the mouth, throat and stomach. Aspiration into lungs may cause chemical pneumonia and lung damage. Ingestion is not an anticipated route of exposure for this material in industrial use.
<b>Sensitization</b>	No information available.
<b>Repeated dose toxicity</b>	Repeated overexposure to xylene via the inhalation route, has caused a hearing loss in laboratory animals. In humans, styrene may cause a transient decrease in color discrimination and effects on hearing.
<b>Mutagenic effects</b>	Styrene has given mixed positive and negative results in a number of mutagenicity tests. Styrene was not mutagenic without metabolic activation but gave negative and positive mutagenic results with metabolic activation.
<b>Carcinogenicity</b>	.
<u>Xylene</u>	
ACGIH	Group A4 - Not classifiable as a human carcinogen.
<u>Ethylbenzene</u>	
ACGIH	Group A3-Animal carcinogen.
IARC	Group 2B - Possibly Carcinogenic to Humans
<u>Toluene</u>	
ACGIH	Group A4 - Not classifiable as a human carcinogen.
<u>Styrene</u>	
ACGIH	Group A4 - Not classifiable as a human carcinogen.
IARC	Group 2B - Possibly Carcinogenic to Humans
NTP	Reasonably anticipated to be human carcinogen
<b>Legend</b>	<i>IARC - International Agency for Research on Cancer</i> <i>ACGIH (American Conference of Governmental Industrial Hygienists)</i> <i>NTP - National Toxicology Program</i>
<b>Reproductive Toxicity</b>	No information available.
<b>Developmental Toxicity</b>	High exposures to xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. These effects were often at levels toxic to the mother. The significance of these findings to humans has not been determined. Ethyl Benzene has been shown to be fetotoxic in laboratory animals at maternally toxic levels.
<b>Teratogenicity</b>	Styrene did not cause birth defects in orally-dosed rats, mice, rabbits and hamsters exposed by inhalation. Styrene given by inhalation for six hours a day during organ development has been shown to be toxic to fetal mice at 250 ppm and to fetal hamsters at 1000 ppm. Information from human experience and the results of animal studies suggest no significant risk of birth defects or reproductive toxicity of styrene to humans.
<b>Neurological Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Target organ(s)</b>	Central nervous system (CNS), Kidney, Liver.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity**                    50% of the mixture consists of ingredient(s) of unknown toxicity.

**The following values are calculated based on chapter 3.1 of the GHS document.**

<b>ATEmix (oral)</b>	4171 mg/kg
<b>ATEmix (dermal)</b>	1355 mg/kg
<b>ATEmix (inhalation-vapor)</b>	11.1 mg/L



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## Section 12 ECOLOGICAL INFORMATION

**Ecotoxicity****Xylene**

Log Kow	2.77 - 3.15
Bioconcentration factor (BCF)	0.6 - 15
Algae	EC50 = 11 mg/L (Pseudokirchneriella subcapitata) (72h)
Fish	LC50 = 13.4 mg/L (Pimephales promelas) (96 h) flow-through LC50 2.661 - 4.093 mg/L (Oncorhynchus mykiss) (96 h) static LC50 13.5 - 17.3 mg/L (Oncorhynchus mykiss) (96 h) LC50 13.1 - 16.5 mg/L (Lepomis macrochirus) (96 h) flow-through LC50 = 19 mg/L (Lepomis macrochirus) (96 h) LC50 7.711 - 9.591 mg/L (Lepomis macrochirus) (96 h) static LC50 23.53 - 29.97 mg/L (Pimephales promelas) (96 h) static LC50 = 780 mg/L (Cyprinus carpio) (96 h) semi-static LC50 > 780 mg/L (Cyprinus carpio) (96 h) LC50 30.26 - 40.75 mg/L (Poecilia reticulata) (96 h) static
Water Flea	EC50 = 3.82 mg/L 48 h LC50 = 0.6 mg/L 48 h

**Ethylbenzene**

Log Kow	3.118
Bioconcentration factor (BCF)	15 fish
Algae	EC50 = 4.6 mg/L (Pseudokirchneriella subcapitata) (72h) EC50 2.6 - 11.3 mg/L (Pseudokirchneriella subcapitata) (72h) EC50 = 11 mg/L (Pseudokirchneriella subcapitata) (72h)
Fish	LC50 11.0 - 18.0 mg/L (Oncorhynchus mykiss) (96 h) static LC50 = 4.2 mg/L (Oncorhynchus mykiss) (96 h) semi-static LC50 7.55 - 11 mg/L (Pimephales promelas) (96 h) flow-through LC50 = 32 mg/L (Lepomis macrochirus) (96 h) static LC50 9.1 - 15.6 mg/L (Pimephales promelas) (96 h) static LC50 = 9.6 mg/L (Poecilia reticulata) (96 h) static
Water Flea	EC50 1.8 - 2.4 mg/L 48 h

**Toluene**

Log Kow	2.65
Algae	EC50 = 12.5 mg/L (Pseudokirchneriella subcapitata) (72h)
Fish	LC50 15.22 - 19.05 mg/L (Pimephales promelas) (96 h) flow-through LC50 = 12.6 mg/L (Pimephales promelas) (96 h) static LC50 5.89 - 7.81 mg/L (Oncorhynchus mykiss) (96 h) flow-through LC50 14.1 - 17.16 mg/L (Oncorhynchus mykiss) (96 h) static LC50 = 5.8 mg/L (Oncorhynchus mykiss) (96 h) semi-static LC50 11.0 - 15.0 mg/L (Lepomis macrochirus) (96 h) static LC50 = 54 mg/L (Oryzias latipes) (96 h) static LC50 = 28.2 mg/L (Poecilia reticulata) (96 h) semi-static LC50 50.87 - 70.34 mg/L (Poecilia reticulata) (96 h) static
Water Flea	EC50 5.46 - 9.83 mg/L 48 h EC50 = 11.5 mg/L 48 h

**Unknown aquatic toxicity**

90.4% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

**Persistence/Degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available.

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## Section 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal Considerations**

Hazardous waste. Can be incinerated, when in compliance with local regulations. RCRA HAZARDOUS WASTE: This material and containers that are not empty, if discarded, would be regulated as a hazardous waste under RCRA. Treatment and/or disposal must be completed at a RCRA-permitted Treatment, Storage and Disposal Facility (TSD). The storage and transportation of RCRA hazardous wastes are also regulated by the USEPA.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal. "Empty containers", as defined under 40 CFR 261.7 or other applicable state or provincial regulations or transportation regulations, are not classified as hazardous wastes.

**US EPA Waste Number**

D001 (IGNITABLE): When discarded in its purchased form, this material would be regulated under 40 CFR 261.21 as EPA Hazardous Waste Number D001 based on the characteristic of ignitability.

## Section 14: TRANSPORT INFORMATION

**DOT**

<b>UN-No</b>	UN1866
<b>Proper Shipping Name</b>	RESIN SOLUTION
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>NAERG:</b>	127

**TDG**

<b>UN-No</b>	UN1866
<b>Proper Shipping Name</b>	RESIN SOLUTION
<b>Hazard Class</b>	CLASS 3
<b>Packing Group</b>	PG III
<b>NAERG:</b>	127

**MEX**

<b>UN-No</b>	UN1866
<b>Proper Shipping Name</b>	RESIN SOLUTION
<b>Hazard Class</b>	CLASS 3
<b>Packing Group</b>	PG III
<b>NAERG:</b>	127

**IATA**

<b>UN-No</b>	UN1866
<b>Proper Shipping Name</b>	RESIN SOLUTION
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Packing Instructions</b>	355; 366
<b>NAERG:</b>	127

**IMDG/IMO**

<b>UN-No</b>	UN1866
<b>Proper Shipping Name</b>	RESIN SOLUTION
<b>Hazard Class</b>	CLASS 3
<b>Packing Group</b>	PG III
<b>EmS-No</b>	F-E, S-E
<b>NAERG:</b>	127

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## Section 15: REGULATORY INFORMATION

**International Inventories**

<b>TSCA Inventory Status:</b>	All components of this material are listed on the US Toxic Substances Control Act (TSCA) inventory.
<b>Canadian Inventory Status:</b>	All components of this material are listed on the Canadian Domestic Substances List (DSL)
<b>Australian Inventory Status:</b>	This product contains one or more chemicals currently not on the Australian Inventory of Chemical Substances
<b>Korean Inventory Status:</b>	This product contains only chemicals which are currently listed on the Korean Chemical Substances List
<b>Philippine Inventory:</b>	All components of this material are listed on or are exempt from the Philippine Inventory of Chemicals and Chemical Substances
<b>Japan ENCS:</b>	This product contains one or more chemicals currently not on the Japanese Inventory of Existing and New Chemical Substances
<b>Chinese IECS:</b>	This product contains only chemicals that are currently listed on the Chinese Inventory of Existing Chemical Substances
<b>New Zealand Inventory:</b>	This product contains one or more chemicals currently not on the New Zealand Inventory of Chemicals

**US Federal Regulations****TSCA 12(b) - Export Notification:**

This material does not contain any components that are subject to the US Toxic Substances Control Act (TSCA) Section 12(b) Export Notification requirements.

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<b>Component</b>	<b>CAS No</b>	<b>Weight-%</b>	<b>SARA 313 Status</b>
Xylene	1330-20-7	39 - 41	Listed
Ethylbenzene	100-41-4	8.5 - 10.5	Listed
Toluene	108-88-3	0.4 - 0.5	Listed

**SARA 311/312 Hazardous Categorization**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

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## Clean Water Act

This product contains the following listed substances:

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylene 1330-20-7	100 lb			Listed
Ethylbenzene 100-41-4	1000 lb	Listed	Listed	Listed
Toluene 108-88-3	1000 lb	Listed	Listed	Listed

## Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

Component	CAS No	Weight-%	HAPS data
Xylene	1330-20-7	39 - 41	Listed
Ethylbenzene	100-41-4	8.5 - 10.5	Listed
Toluene	108-88-3	0.4 - 0.5	Listed

## CERCLA

This product contains the following reportable quantities:

Component	40 CFR 302.4 RQ	40 CFR 355 EHS TPQs
Xylene	100 lb 45.4 kg	
Ethylbenzene	1000 lb 454 kg	
Toluene	1000 lb 454 kg 1 lb 0.454 kg	

## Chemical Weapons Convention (CWC)

This product does not contain any listed substances.

## State Regulations

### California Proposition 65

WARNING: This material contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. The California Safe Drinking Water and Toxic Enforcement Act of 1986 requires that clear and reasonable warning be given prior to exposing any person to this chemical.

### Canada

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

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**Section 16: OTHER INFORMATION**

NFPA Rating

Health 2

Flammability 3

Instability 0

Prepared By

Regulatory Department

Revision Date:

17/Sep/2015

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information, STOT - Specific Target Organ Toxicity

The information on this safety data sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product, or where instructions and recommendations are not followed. The user assumes all risks incident to the use of the product and must communicate to employees and customers all warnings that relate to the potential exposure to this product. It is the responsibility of the user to comply with all Federal, State, and Local laws, regulations, and ordinances, and to assure that all workplace and disposal practices are in compliance with such. ALL WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED. IN NO EVENT SHALL THE SUPPLIER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.