

1920 Xylene Based Stain Tint Base

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

Product Name: 1920 Xylene Based Stain Tint Base
Version: 1
Identifier 1: White Tint Base
Identifier 2: N/A
Chemical Family: Liquid
Product Use: Paint Medium for Mixing Colors

Company Information: Anvil Paints & Coatings, Inc.
1255 Starkey Road
Largo, FL 33771
Phone: (800) 822-6776
Internet Address: www.anvilpaints.com

24 Hour Emergency Contact: INFOTRAC
1-800-535-5053 (US & Canada)
1-353-323-3500 (International)

SECTION 2

HAZARD(S) IDENTIFICATION

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFT 1910.1200).

Hazard Classification: **Health Hazards**
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Skin Sensitization, Category 1
Germ Cell Mutagenicity, Category 1
Carcinogenicity, Category 1B
Reproductive Toxicity, Category 2

Environmental Hazards
Aquatic Toxicity – Acute, Category 3
Aquatic Toxicity – Chronic, Category 3

Pictogram(s):



Signal Word: DANGER

Hazard Statements:

H315	- Causes skin irritation.
H317	- May cause an allergic skin reaction.
H319	- Causes serious eye irritation.
H340	- May cause genetic defects.
H350	- May cause cancer.
H361	- Suspected of damaging the unborn child.
H412	- Harmful to aquatic life with long lasting effects.

Precautionary Statements:	Prevention	
	P201	- Obtain special instructions before use.
	P202	- Do not handle until all safety precautions have been read and understood.
	P261	- Avoid breathing vapor.
	P264	- Wash hands thoroughly after handling.
	P272	- Contaminated work clothing must not be allowed out of the workplace.
	P273	- Avoid release to the environment.
	P280	- Wear protective gloves. Wear eye or face protection. Wear protective clothing.
	Response	
	P302+P352+P363	- IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.
	P305+P351+P338	- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P308+P313	- IF exposed or concerned: Get medical attention.
	P333+P313	- If skin irritation or rash occurs: Get medical attention.
	P337+P313	- If eye irritation persists: Get medical attention.
	Storage	
	P405	- Store locked up.
	Disposal	
	P501	- Dispose of contents and container in accordance with all local, regional, national, and international regulations.

SECTION 3**COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous Ingredients**

Ingredient Name	CAS Number	Concentration (%)
Titanium Dioxide*	13463-67-7	≥25.00 - ≤50.00
Limestone	1317-65-3	≥10.00 - ≤25.00
Solvent Naphtha (Petroleum), Light Arom.	64742-95-6	≥10.00 - ≤25.00
Trimethylbenzene	25551-13-7	≥5.00 - ≤10.00
1,2,4-Trimethylbenzene	95-63-6	≥5.00 - ≤10.00
Mesitylene	108-67-8	≥1.00 - ≤3.00
Cumene	98-82-8	≥0.30 - <1.00
N-Butyl Methacrylate	97-88-1	≥0.30 - <1.00
Toluene	108-88-3	≤0.30

*The hazards of the listed Titanium Dioxide are for its powder unbound form. When the chemical is used in applications such as textures or coatings, the chemical becomes bound and are not in its hazardous form.

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.

SECTION 4**FIRST-AID MEASURES**

Eye Contact:	Immediately flush eye(s) with plenty of water, occasionally lifting the upper and lower eyelids and continue to rinse for at least 20 minutes. Remove contact lenses. Get medical attention.
Inhalation:	Move victim to fresh air and keep at rest in a position comfortable for breathing. 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 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.

Skin Contact:	Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wearing gloves. Continue to rinse for at least 20 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing and shoes thoroughly before reuse.
Ingestion:	Wash out mouth with water. Remove dentures if any. Move 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. 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 and Effects, Both Acute and Delayed:	<p>Eye Contact Causes serious eye irritation. Adverse symptoms may include the following: pain or irritation, watering or redness.</p> <p>Inhalation No known significant effects or critical hazards. Adverse symptoms may include the following: reduced fetal weight, increase in fetal deaths, or skeletal malformations.</p> <p>Skin Contact Causes skin irritation. May cause an allergic skin reaction. Adverse symptoms may include the following: irritation, redness, reduced fetal weight, increase in fetal deaths, or skeletal malformations.</p> <p>Ingestion No known significant effects or critical hazards. Adverse symptoms may include the following: reduced fetal weight, increase in fetal deaths, or skeletal malformations.</p>
Protection of First-Aiders:	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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
Notes to Physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. See toxicological information (Section 11).

SECTION 5

FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extinguishing Media:	N/A
Specific Precautionary Methods:	In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. For water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer, or drain.

Hazardous Thermal Decomposition Products:	Decomposition products may include the following materials: Carbon Dioxide Carbon Monoxide Metal Oxide(s)
Special Protective Actions for Fire-Fighters:	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.
Special Protective Equipment For Firefighters:	In the event of fire, wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6**ACCIDENTAL RELEASE MEASURES**

For Non-Emergency Personnel:	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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For Emergency Responders:	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 Non-Emergency Personnel”.
Environmental Precautions:	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). Water polluting material. May be harmful to the environment if released in large quantities.
Cleanup:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, 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.
Regulatory Requirements:	Follow applicable OSHA regulations (29 CFR 1940.120).

SECTION 7**HANDLING AND STORAGE**

Protective Measures:	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure – obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. If during normal use of the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on General Occupational Hygiene:	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. See also Section 8 for additional information on hygiene measures.

Storage Requirements:

Store in accordance with federal, state, and local regulations. 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. Store locked up. 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.

SECTION 8**EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Limits**

Ingredient Name	Basis	Value	Exposure Limit(s)* / Form of Exposure
Titanium Dioxide**	ACGIH	TLV	TWA: 10 mg/m ³ 8 hours.
	OSHA	PEL	TWA: 15 mg/m ³ 8 hours. Form: Total dust.
Limestone	OSHA	PEL	TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction. TWA: 15 mg/m ³ 8 hours. Form: Total dust.
	NIOSH	REL	TWA: 5 mg/m ³ 10 hours. Form: Respirable fraction. TWA: 10 mg/m ³ 10 hours. Form: Total dust.
Solvent Naphtha (Petroleum), Light Arom.	N/A	N/A	N/A
Trimethylbenzene	ACGIH	TLV	TWA: 25 ppm 8 hours. TWA: 123 mg/m ³ 8 hours.
1,2,4-Trimethylbenzene	ACGIH	TLV	TWA: 25 ppm 8 hours. TWA: 123 mg/m ³ 8 hours..
	NIOSH	REL	TWA: 25 ppm 10 hours. TWA: 125 mg/m ³ 10 hours.
Mesitylene	ACGIH	TLV	TWA: 25 ppm 8 hours. TWA: 123 mg/m ³ 8 hours.
	NIOSH	REL	TWA: 25 ppm 10 hours. TWA: 125 mg/m ³ 10 hours.
Cumene	ACGIH	TLV	TWA: 50 ppm 8 hours.
	NIOSH	REL	TWA: 50 ppm 10 hours. TWA: 245 mg/m ³ 10 hours.
	OSHA	PEL	TWA: 50 ppm 8 hours. TWA: 245 mg/m ³ 8 hours.
N-Butyl Methacrylate	N/A	N/A	N/A
Toluene	OSHA	PEL	TWA: 200 ppm 8 hours. CEIL: 300 ppm AMP: 500 ppm 10 minutes.
	NIOSH	REL	TWA: 100 ppm 10 hours. TWA: 375 mg/m ³ 10 hours. STEL: 150 ppm 15 minutes. STEL: 560 mg/m ³ 15 minutes.
	ACGIH	TLV	TWA: 20 ppm 8 hours.

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this Safety Data Sheet.

** The hazards of the listed Titanium Dioxide are for its powder unbound form. When the chemical is used in applications such as textures or coatings, the chemical becomes bound and are not in its hazardous form.

Engineering Measures:

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental Exposure Controls:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.
Hygiene Measures:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Personal Protective Equipment:	<p>Respiratory Protection 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.</p> <p>Hand Protection 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.</p> <p>Eye/Face Protection Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.</p> <p>Skin and Body Protection 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. 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.</p>

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid (Solution)	Flammability:	N/A
Color:	White	Explosive Limits:	N/A
Odor:	Aromatic Solvent	Vapor Pressure:	N/A
Odor Threshold:	N/A	Vapor Density:	N/A
pH:	N/A	Relative Density:	1.185
Melting Point:	N/A	Solubility:	N/A
Freezing Point:	N/A	Partition Coefficient:	N/A
Boiling Point/Range:	N/A	Decomposition Temp:	N/A
Flash Point:	N/A	Viscosity:	N/A
Evaporation Rate:	N/A	Flow Time (ISO 2431):	N/A

SECTION 10**STABILITY AND REACTIVITY**

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	The product is chemically stable.

Possibility of Hazardous Reactions:	Stable under recommended storage conditions.
Conditions to Avoid:	No specific data.
Incompatible Materials:	Reactive or incompatible with oxidizing materials.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11**TOXICOLOGICAL INFORMATION****Acute Toxicity**

Ingredient Name	Result	Species	Dose / Exposure
Solvent Naphtha (Petroleum), Light Arom.	LD ₅₀ Oral	Rat	8,400 mg/kg
Trimethylbenzene	LD ₅₀ Oral	Rat	8,970 mg/kg
1,2,4-Trimethylbenzene	LC ₅₀ Inhalation Vapor LD ₅₀ Oral	Rat Rat	18,000 mg/m ³ ; 4 Hours 5 g/kg
Mesitylene	LC ₅₀ Inhalation Vapor LD ₅₀ Oral	Rat Rat	24,000 mg/m ³ ; 4 Hours 5,000 mg/kg
Cumene	LC ₅₀ Inhalation Vapor LD ₅₀ Oral	Rat Rat	39,000 mg/kg; 4 Hours 1,400 mg/kg
N-Butyl Methacrylate	LC ₅₀ Inhalation Gas LD ₅₀ Oral	Rat Rat	4,910 ppm; 4 Hours 16 g/kg
Toluene	LC ₅₀ Inhalation Vapor	Rat	49 g/m ³ ; 4 Hours

Irritation/Corrosion

Ingredient Name	Result	Species	Exposure
Solvent Naphtha (Petroleum), Light Arom.	Eyes - Mild irritant	Rabbit	24 hours 100 µl
Trimethylbenzene	Eyes - Mild irritant Skin - Moderate irritant	Rabbit Rabbit	24 hours 500 mg 24 hours 500 mg
Mesitylene	Eyes - Mild irritant Skin - Moderate irritant	Rabbit Rabbit	24 hours 500 mg 24 hours 20 mg
Cumene	Eyes - Mild irritant Eyes - Mild irritant Skin - Mild irritant	Rabbit Rabbit Rabbit	24 hours 500 mg 86 mg 24 hours 500 mg
N-Butyl Methacrylate	Skin - Mild irritant	Rabbit	500 µl
Toluene	Eyes - Mild irritant Eyes - Mild irritant Eyes - Severe irritant Skin - Mild irritant Skin - Mild irritant Skin - Moderate irritant Skin - Moderate irritant	Rabbit Rabbit Rabbit Pig Rabbit Rabbit Rabbit	0.5 minutes 100 mg 870 µg 24 hours 2 mg 24 hours 250 µl 435 mg 24 hours 20 mg 500 mg

Carcinogenicity Classification

Ingredient Name	IARC	NTP
Titanium Dioxide	2B	N/A
Cumene	2B	Reasonably anticipated to be a human carcinogen.
Toluene	3	N/A

**Specific Target Organ Toxicity:
Single Exposure**

Ingredient Name	Category	Target Organs
1,2,4-Trimethylbenzene	3	Respiratory tract irritation.
Mesitylene	3	Respiratory tract irritation.
Cumene	3	Respiratory tract irritation.
N-Butyl Methacrylate	3	Respiratory tract irritation.
Toluene	3	Narcotic effects.

Repeated Exposure

Ingredient Name	Category	Target Organs
Toluene	2	Hearing organs.

Aspiration Hazard

Ingredient Name	Results
Solvent Naphtha (Petroleum), Light Arom.	ASPIRATION HAZARD – Category 1
Cumene	ASPIRATION HAZARD – Category 1
Toluene	ASPIRATION HAZARD – Category 1

Likely Routes of Exposure: Dermal and eye contact. Inhalation and ingestion.

Potential Chronic Health Effects: **General**
Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity
May cause cancer. Risk of cancer depends on duration and level of exposure.

Mutagenicity
May cause genetic defects.

Teratogenicity
Suspected of damaging the unborn child.

Acute Toxicity Estimates

Route	ATE Value
Oral	8,859.96 mg/kg
Dermal	19,491.91 mg/kg
Inhalation (Vapors)	318.96 mg/L

Other Information: See Section 4 for all information on physical, chemical and toxicological effects.

SECTION 12

ECOLOGICAL INFORMATION

Toxicity Data

Ingredient Name	Species	Test Results	Exposure
Titanium Dioxide	Fish - <i>Fundulus heteroclitus</i>	Acute LC50 >1,000,000 µg/L Marine water	96 Hours
1,2,4-Trimethylbenzene	Crustaceans - <i>Elasmopus pecteniscus</i> - Adult	Acute IC50 4,910 µg/L Marine water	48 Hours
	Fish - <i>Pimephales promelas</i>	Acute IC50 7,720 µg/L Fresh water	96 Hours
Mesitylene	Crustaceans - <i>Cancer magister</i> – Zoea	Acute LC50 13,000 µg/L Marine water	48 Hours
	Fish - <i>Carassius auratus</i>	Acute LC50 12,520 µg/L Fresh water	96 Hours
	Daphnia - <i>Daphnia magna</i>	Chronic NOEC 400 µg/L Fresh water	21 Days

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Cumene	Algae - <i>Pseudokirchneriella subcapitata</i> Crustaceans - <i>Artemia sp.</i> – Nauplii Daphnia - <i>Daphnia magna</i> – Neonate Fish - <i>Oncorhynchus mykiss</i>	Acute EC50 2,600 µg/L Fresh water Acute EC50 7.4 mg/L Marine water Acute EC50 10.6 mg/L Fresh water Acute LC50 2,700 µg/L Fresh water	72 Hours 48 Hours 48 Hours 96 Hours
N-Gutyl Methacrylate	Daphnia - <i>Daphnia magna</i> - Neonate	Chronic NOEC 2.6 mg/L Fresh water	21 Days
Toluene	Crustaceans – <i>Gammarus pseudolimnaeus</i> – Adult Daphnia - <i>Daphnia magna</i> – Juvenile (Fledgling, Hatchling, Weanling) Daphnia - <i>Daphnia magna</i>	Acute EC50 11,600 µg/L Fresh water Acute EC50 6,000 µg/L Fresh water Chronic NOEC 2 mg/L Fresh water	48 Hours 48 Hours 21 Days

Bioaccumulative Potential

Ingredient Name	LogP _{ow}	BCF	Potential
Solven Naphtha (Petroleum), Light Arom.	-	10 to 2,500	High
Trimethylbenzene	3.4 to 3.8	-	Low
1,2,4-Trimethylbenzene	3.63	243	Low
Mesitylene	3.42	161	Low
Cumene	3.55	35.48	Low
N-Butyl Methacrylate	2.99	-	Low
Toluene	2.73	90	Low

SECTION 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 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 empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14

TRANSPORT INFORMATION

	DOT Classification	IMDG	IATA
UN Number	UN3082	Not Regulated	Not Regulated
UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Xylene)	-	-
Transport Hazard Class(es)	9 	-	-
Packing Group	III	-	-
Environmental Hazards	Yes	No	No

DOT-RQ Details:

Xylene

AERG: 171
100 lbs / 45.4 kg [13.946 gal / 52.791 L]

Additional Information:**DOT Classification**

Non-bulk packages of this product are not regulated as hazardous materials unless transported by inland waterway. This product is not regulated as a hazardous material when transported in sized of ≤ 5 L or ≤ 5 kg.

Reportable Quantity

14,465.5 lbs / 6,567.3 kg [1,464.1 gal / 5,542.1 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ transportation requirements.

IATA

The environmentally hazardous substance mark may appear if required by other transportation regulations.

Special Precautions for User:

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.

SECTION 15**REGULATORY INFORMATION****U.S. Federal Regulations:**

TSCA Inventory (8b): All components are listed or exempted.

Clean Water Act 307: Toluene; Benzene; Ethylbenzene; Chloromethane.

Clean Water Act 311: Toluene; Benzene; n-Butyl acetate; Xylene; Ethylbenzene; Propylene oxide; Acetaldehyde; Formaldehyde; Hydrochloric Acid.

Clean Air Act:

This product does contain hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(f) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

DEA List I & II Chemicals:

This material does not contain any components within the DEA List I Chemicals (Precursor Chemicals) or the DEA List II Chemicals (Essential Chemicals).

SARA 302/304:

Ingredient Name	Percentage	EHS	SARA 320 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Propylene Oxide	≤ 0.00001	Yes	10,000	1,444.3	100	14.4
Formaldehyde	≤ 0.00001	Yes	500	73.9	100	14.8
Ethylene Oxide	≤ 0.00001	Yes	1,000	-	10	-
Hydrochloric Acid	≤ 0.00001	Yes	500	-	5,000	-

SARA 304 RQ:

27,777,777,777.8 lbs / 12,611,111,111.1 kg [2,811,395,021.3 gal / 10,642,287,857.5 L]

SARA 311/312:

Ingredient Name	Percentage	Classification
Titanium Dioxide	≥ 25.00 - ≤ 50.00	CARCINOGENICITY – Category 2
Solvent Naphtha (Petroleum), Light Arom.	≥ 10.00 - ≤ 25.00	FLAMMABLE LIQUIDS - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B GERM CELL MUTAGENICITY - Category 1B CARCINOGENICITY - Category 1B ASPIRATION HAZARD - Category 1
Trimethylbenzene	≥ 5.00 - ≤ 10.00	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4

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		SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
1,2,4-Trimethylbenzene	≥5.00 - ≤10.00	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Mesitylene	≥1.00 - ≤30.00	FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Cumene	≥0.3 - <1.00	FLAMMABLE LIQUIDS - Category 3 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
N-Butyl Methacrylate	≥0.3 - <1.00	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Toluene	≥0.3	FLAMMABLE LIQUIDS - Category 2 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A TOXIC TO REPRODUCTION (Unborn child) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (hearing organs) - Category 2 ASPIRATION HAZARD - Category 1

Classification:

SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
SKIN SENSITIZATION - Category 1
GERM CELL MUTAGENICITY - Category 1
CARCINOGENICITY - Category 1B
TOXIC TO REPRODUCTION (Unborn child) - Category 2

SARA 313:

	Ingredient Name	CAS Number	Percentage
Form R- Reporting Requirements	1,2,4-Trimethylbenzene	95-63-6	≥5 - ≤10
Supplier Notification	1,2,4-Trimethylbenzene	95-63-6	≥5 - ≤10

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State Regulations:

State	Listed Component(s)
Massachusetts	Limestone; Titanium dioxide; Mesitylene; 1,2,4-Trimethylbenzene; Trimethylbenzene
New York	Cumene
New Jersey	Limestone; Titanium dioxide; Cumene; Mesitylene; 1,2,4-Trimethylbenzene; Trimethylbenzene
Pennsylvania	Limestone; Titanium dioxide; Cumene; 1,2,4-Trimethylbenzene; Trimethylbenzene

California Prop 65:

WARNING: This product can expose you to chemicals including Benzene and Ethylene Oxide, which are known to the State of California to cause [cancer](#) and [birth defects or other reproductive harm](#). This product can expose you to chemicals including Titanium Dioxide, Cumene, Crystalline Silica, respirable powder, Ethylbenzene, Propylene Oxide, Acetaldehyde, Formaldehyde and 1,4-Dioxane, which are known to the State of California to cause [cancer](#) and Toluene, Methanol and Methyl chloride, which are known to the State of California to cause [birth defects or other reproductive harm](#). For more information, go to www.P65Warnings.ca.gov.

SECTION 16**OTHER INFORMATION****Procedure Used to Derive the Classification**

Classification	Justification
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
GERM CELL MUTAGENICITY - Category 1	Calculation method
CARCINOGENICITY - Category 1B	Calculation method
TOXIC TO REPRODUCTION (Unborn child) - Category 2	Calculation method
AQUATIC HAZARD (ACUTE) - Category 3	Calculation method
AQUATIC HAZARD (LONG-TERM) - Category 3	Calculation method
SKIN CORROSION/IRRITATION - Category 2	Calculation method

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Further Information: This SDS was prepared in accordance with OSHA regulatory standards for Toxic and Hazardous Substances: 29 CFR 1910.1200.

Prepared By: KMK Regulatory Services Inc.

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