



**FLAMEMASTER**  
**Flamemaster Corp.**  
**13576 Desmond Street**  
**Pacoima, CA 91331 - USA**

**SAFETY DATA SHEET**  
**MAY 17, 2022**

**File: CS3204AB GSA 7-10**  
**INTEGRAL FUEL TANK SEALANT**  
**BASE COMPOUND**

**Section -1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

1.1. Product Identifier: CS-3204 PART A CLASS B (TYPE 2) All Application Times

- Product Name: Integral Fuel Tank Sealant / Base compound Part-A

- Product reference: CS-3204 PT A CLASS B BASE COMPOUND

**1.2. Product Use:**

-Integral Fuel Tank Sealant

**1.3. Manufacturer's Name:**

**CAGE Code: 14439**  
**Flamemaster Corp.**  
**Chem Seal Division**  
**13576 Desmond Street**  
**Pacoima, CA 91333 – USA**

**1.3.1 Suppliers Name ( if not manufacturer )**

**Technical Contact:**

**Flamemaster Corp.**  
**Tel: 818-890-1401**  
**Fax: 818-890-6001**  
**www.flamemaster.com**

**Emergency Contact Information :**  
 See Below

Specification:	AMS-S-8802		Base PT A	CLASS B	ALL
<b>NSN:</b>	8030-00-753-5007 CS3204B1/2 2.5 OZ	8030-00-753-5004 CS3204B1/2 6OZ	8030-00-753-4597 CS3204B1/2 1/2 PINT	8030-00-174-2599 CS3204B1/2 PINT	8030-00-080-1549 CS3204B1/2 QUART
	8030-01-476-2255 CS3204B1/2 QUART	8030-00-841-6831 CS3204B1/2 GALLON	8030-00-964-1892 CS3204B1/2 5-GAL	8030-01-337-9408 CS3204B-1 2.5OZ	8030-01-376-8504 CS3204B-1 GALLON
	8030-00-753-5006 CS3204B-2 2.5 OZ	8030-00-753-5005 CS3204B-2 6 OZ	8030-00-753-4599 CS3204B-2 1/2 PINT	8030-00-723-2746 CS3204B-2 PINT	8030-00-262-9041 CS3204B-2 QUART
	8030-00-579-8453 CS3204B-2 GALLON	8030-00-878-8428 CS3204B-2 5-GAL	8030-00-850-0759 CS3204B-4 2.5 OZ	8030-00-850-0758 CS3204B-4 6OZ	8030-00-152-0013 CS3204B-2 6OZ(4.5)
	8030-00-932-1990 CS3204B-4 1/2 PINT	8030-00-174-2598 CS3204B-4 PINT	8030-00-850-5717 CS3204B-4 QUART	8030-00-602-0035 CS3204B-6	8030-00-685-0915 CS 3204 B2 QUART
	8030-01-527-6518 CS3204 4.5OZ. IN 6OZ.	8030-00-432-9544 CS3204 B2 50 GAL			

**Emergency Contact:**

**CHEMTEL: WWW.CHEMTELINE.COM**

**Flamemaster Corporation Contract Number MIS2644301**

Shipments of hazardous materials within United States, Canada, Puerto Rico, and U.S. Virgin Island should reference Chemtel's toll free phone number: **1-800-255-3924 - Reference Number MIS2644301**

Shipments and safety applications outside of United States, Canada, Puerto Rico, and the U.S. Virgin Islands must reference Chemtel phone number **+1-813-248-0585 - Reference Number MIS2644301**

Collect Calls will be accepted. To ensure a bilingual operator please call collect.

Shipments originating in U.S.A. and going overseas must use both numbers.

Shipments originating overseas and destined for US, Canada, Puerto Rico or the Virgin Islands must also use both numbers.

Calls originating on board vessels should follow normal ship to shore protocols. Use international access number

and alert the ship to shore operator you are involved in an emergency incident.

Shipments of hazardous materials within the listed countries should reference Chemtel's in-country phone numbers:

**Australia : 1-300-954-583 : Reference Number MIS2644301**

**Brazil : 0-800-591-6042 : Reference Number MIS2644301**

**China : 400-120-0751 : Reference Number MIS2644301**

**India : 000-800-100-4086 : Reference Number MIS2644301**

**Mexico : 01-800-099-0731 : Reference Number MIS2644301**

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**Section -2. HAZARD ( S ) IDENTIFICATION**

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OSHA/HCS STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**CLASSIFICATION OF THE MIXTURE:**

ASPIRATION HAZARD - CATEGORY 1  
SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A  
CARCINOGENICITY - Category 2  
TOXIC TO REPRODUCTION (UNBORN CHILD) - Category 2  
REPRODUCTIVE TOXICITY, EFFECTS ON OR VIA LACTATION  
AQUATIC (ACUTE) - CATEGORY 3  
AQUATIC (CHRONIC) - CATEGORY 3

**GHS LABEL REQUIREMENTS****HAZARD PICTOGRAMS**

**SIGNAL WORD : DANGER**

**HAZARD STATEMENTS:**

MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS - H304  
CAUSES SERIOUS EYE IRRITATION - (H319)  
CAUSES SKIN IRRITATION - (H315)  
SUSPECTED OF DAMAGING THE UNBORN CHILD - (H361d)  
SUSPECTED OF CAUSING CANCER - (H351)  
MAY CAUSE HARM TO BREAST-FED CHILDREN - H362  
HARMFUL TO AQUATIC LIFE  
HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS - H412

**GENERAL PRECAUTIONARY STATEMENTS:**

P101: If medical advise is needed, have product container or label at hand.  
P102: keep out of reach of children.  
P103: Read label before use.

**SPECIFIC PRECAUTIONARY STATEMENTS ASSOCIATED WITH THIS PRODUCT:**

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P260: Do not breathe dust / fumes / gas / mist / vapors / spray.
- P263: Avoid contact during pregnancy / while nursing.
- P264: Wash thoroughly after handling.
- P270: Do not eat, drink, or smoke when using this product.
- P273: Avoid release to the environment.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P281: Use personal protection equipment as required.
- P301+310: IF SWALLOWED: Immediately call a POISON CENTER / doctor / ...
- P302+352: IF ON SKIN: Wash with plenty of water / ...
- P305+351+338: IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do-continue rinsing.
- P308+313: If exposed: Call a POISON CENTER or doctor / physician.
- P321: Specific treatment...See Label Information
- P331: Do NOT induce vomiting.
- P332+313: If skin irritation occurs: Get medical advice / attention.
- P337+313: If eye irritation persists: Get medical advice / attention.
- P362: Take off all contaminated clothing.
- P391: Collect spillage.
- P405: Store locked up.
- P501: Dispose of contents / containers in accordance with local / regional / national / international regulations

**SUPPLEMENTAL LABEL ELEMENTS:**

Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of concentrations above recommended limits causes headaches, drowsiness and nausea and could lead to unconsciousness or possibly death.

1-component mixtures: formaldehyde is released during the curing phase. Formaldehyde may cause irreversible effects, is irritating to the mucous membranes and may cause the skin to become sensitized.

Avoid any contact with skin or clothing and wash thoroughly after handling.

Emits toxic fumes when heated.

**HAZARDS NOT OTHERWISE CLASSIFIED:**

Prolonged or repeated exposure may dry skin and / or cause skin irritation.

Sanding and grinding dust may be harmful if inhaled. Sanding and grinding dust may form combustible concentrations in air.

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**Section -3. COMPOSITION / INFORMATION ON INGREDIENTS**

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**Chemical family** : Mixture of organic compounds  
For the hazards of the composition, (SDS see Section 2).

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**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): LIQUID POLYMER**      **CAS# N/A**      **WT% <70%**  
Not Classified

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): LIQUID POLYMER**      **CAS# N/A**      **WT% <7%**  
Not Classified

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): TOLUENE** CAS# 108-88-3 WT% <3%  
FLAMMABLE LIQUIDS (CATEGORY 2),H225  
SKIN IRRITATION (CATEGORY 2),H315  
REPRODUCTIVE TOXICITY (CATEGORY 2),H361  
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE-(CATEGORY 3),CENTRAL NERVOUS SYSTEM,H336  
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE (CATEGORY 2),H373  
ASPIRATION HAZARD (CATEGORY 1),H304  
ACUTE AQUATIC TOXICITY (CATEGORY 2),H401

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): CALCIUM CARBONATE** CAS# 471-34-1 WT% <45%  
GHS CLASSIFICATION: CALCIUM CARBONATE  
EYE DAMAGE (CATEGORY 1)  
SKIN IRRITATION (CATEGORY 2)  
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE-(CATEGORY 3)

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): TITANIUM DIOXIDE** CAS# 13463-67-7 WT% <10%  
OSHA HAZARDS: CARCINOGEN  
GHS CLASSIFICATION: TITANIUM DIOXIDE  
SKIN IRRITATION: (CATEGORY 3)  
CARCINOGENICITY (CATEGORY 2)

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): Phenol Polymer with Toluene** WT% <3%  
FLAMMABLE LIQUIDS - CATEGORY 2  
SKIN CORROSION/IRRITATION - CATEGORY 2  
SERIOUS EYE DAMAGE/EYE IRRITATION - CATEGORY 2A  
SKIN SENSITIZATION - CATEGORY 1  
TOXIC TO REPRODUCTION (UNBORN CHILD) - CATEGORY 2  
SPECIFIC TARGET ORGAN TOXICITY ( SINGLE EXPOSURE) (NARCOTIC EFFECTS) - CATEGORY 3  
AQUATIC HAZARD (ACUTE) - CATEGORY 2  
AQUATIC HAZARD (LONG TERM) - CATEGORY 3  
**Phenol Polymer - CAS# 67924-34-9**  
**Toluene - CAS# 108-88-3**

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): Crystalline Silica (Quartz)** CAS# 14808-60-7 WT% <0.5%  
ACUTE TOXICITY (ORAL) - CATEGORY 4  
CARCINOGENICITY - CATEGORY 1A

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): TMTD POWDER** CAS# 137-26-8 WT% <0.5%  
ACUTE TOXICITY,ORAL - CATEGORY 4  
ACUTE TOXICITY INHALATION - CATEGORY 4  
SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2  
SKIN SENSITIZATION - CATEGORY 1  
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - ORAL - CATEGORY 2 - (LIVER)

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**Section -4. FIRST-AID MEASURES**

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**General:** When in doubt or symptoms persist, seek medical attention. Have Safety Data Sheet information available. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air, if breathing has stopped, administer artificial respiration. Give nothing by mouth, seek immediate medical attention.

**Eye contact:** Remove any contact lenses if present and easy to do. Irrigate with clean, fresh water for at least 15 minutes, holding the eye lids apart, and seek immediate medical attention.

**Skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleaners. Do NOT use aromatic solvents, thinners or petroleum products.

**Ingestion:** If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. May be fatal if swallowed or vomited and enters lungs and/or airways. Never give anything by mouth to an unconscious person.

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**Section -5. FIRE-FIGHTING MEASURES**

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**Extinguishing agents**

**Recommended:** Universal resistant foam, CO<sub>2</sub>, water, powder.

**Agents to avoid:** None known Do Not Use Water Jet

**Attention**

Promptly remove all persons in the event of a fire from the fire area. If safe to do so, remove all containers from fire area as well.

Fire will produce dense black smoke. Exposure to decomposition products may cause a Health Hazard. Fire fighters should wear self-contained breathing apparatus.

Water mist may be used to cool closed containers to prevent pressure build-up and possible auto-ignition and explosion when exposed to extreme heat.

Do not weld, flame cut or expose to extreme heat or ignition sources, empty containers which have contained flammable products.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

**HAZARDOUS DECOMPOSITION PRODUCTS INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:**

- Carbon Monoxide
- Sulfur Oxides
- Carbon Dioxide
- Formaldehyde
- Nitrogen Oxides
- Halogenated Compounds
- Oxides of Carbon, Nitrogen, Sulfur Dioxide, Trace Hydrogen Sulfide
- Metal Oxide / Oxides
- Smoke
- Gaseous Hydrogen Chloride

Emits toxic fumes when heated.

In case of inhalation of decomposition products released in a fire, symptoms may be delayed. Exposed persons may need to be kept under medical surveillance for at least 48 hours.

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**Section -6. ACCIDENTAL RELEASE MEASURES**

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Eliminate sources of ignition, ventilate the area. Avoid breathing vapors by using appropriate respiratory protective equipment. Refer to protective measures listed in sections 7 & 8.

Collect spill with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with local regulations (see section 13).

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

Clean-up with a detergent/ water mix ; avoid use of aromatic solvents. If the product enters drains or watercourses, inform authority with jurisdiction in accordance with state / local regulations.

Empty containers and/or liners may contain material residue. Empty contaminated packaging thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations.

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**Section -7. HANDLING AND STORAGE**

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**7.1 Handling:**

No smoking, eating and drinking during handling. Wash hands and face before eating, drinking, or smoking.

Avoid exposure during pregnancy/while nursing.

Keep containers tightly closed. Prior to movement containers which are opened should be carefully resealed.

Avoid skin and eye contact. Avoid inhalation in case of exposure to vapor and spray mist.

Handle and open containers with care to avoid spilling of contents. Never use pressure to empty; container is not a pressure vessel. Clean or discard contaminated clothing and shoes.

Preparation may charge electrostatically; always use grounding/ bonding/ earthing leads when transferring contents of containers. Operators should wear antistatic footwear and clothing, and floors should be electrically conductive.

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air, and avoid vapor concentration higher than the Occupational Exposure Limits.

Use in areas from which local sources of ignition have been excluded. Electrical equipment including lighting should be protected to the appropriate standard. Isolate from sources of heat, sparks and open flame. Non-sparking tools are recommended.

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**7.2 Storage:**

Observe label precautions. Store between 32/F and 95/F ( 0/C and 35/C ) in a dry, clean and well ventilated place, away from sources of heat, ignition, and direct sunlight.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**8.1 Engineering measures:**

Avoid the inhalation of vapors, spray mist and particulates. Achieve by local exhaust ventilation providing good general extraction as to keep air-borne concentration below the Occupational Exposure Limits (OEL).

If local / area ventilation is not sufficient to comply with OEL, suitable (NIOSH) respiratory protection to be provided. Always provide suitable (NIOSH) respiratory protection when sanding, grinding or otherwise abrading cured material.

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**8.2 Exposure limits**

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**Work place exposure limits ( 8 hour )**

Substance	OSHA	ACGIH TWA
LIQUID POLYMER	Not known	Not known
LIQUID POLYMER	Not known	Not known
TOLUENE (Methylbenzene)*	200 ppm	20 ppm
CALCIUM CARBONATE	5 mg/m <sup>3</sup> ( RESPIRABLE FRACTION)	3 mg/m <sup>3</sup> (RESPIRABLE FRACTION)
CALCIUM CARBONATE	15mg/m <sup>3</sup> (TOTAL DUST)	10 mg/m <sup>3</sup> (TOTAL DUST)
TITANIUM DIOXIDE	15mg/m <sup>3</sup> (TOTAL DUST)	10 mg/m <sup>3</sup> (TOTAL DUST)
CRYSTALLINE SILICA (QUARTZ)	0.1 mg/m <sup>3</sup>	0.025mg/m <sup>3</sup>
MAGNESIUM OXIDE FUME	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
TMTD POWDER	5 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
* can be absorbed through skin		

### 8.3 Personal protection

All Personal Protective Equipment, including Respiratory Protection, used to control exposure to hazardous substances must be selected to meet the requirements of OSHA Regulations.

#### Respiratory protection :

Appropriate respiratory protection equipment should be selected according to the type of contaminants, following regulatory (OSHA / NIOSH) and manufacturers instructions including proper fitting of devices.

#### Hand protection :

For prolonged or repeated contact, recommend gloves type: polyvinyl alcohol, nitrile rubber, latex rubber (some people may exhibit sensitivity to Latex). Barrier creams may help to protect exposed areas of the skin. However, they should not be applied post exposure.

#### Eye protection :

Use safety glasses with side shields to protect against splashes. Face shields may also be worn.

#### Skin protection :

Protective clothing made of antistatic and fire resistant fibers. All parts of the body should be washed after contact. Use good hygiene and industrial practices, keep working clothes clean.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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- Physical state at: 68 ° F (20 ° C) Liquid
- Flash point: 200 ° F (93 ° C) Method: TCC
- Appearance: PASTE
- Color: White
- Odor: Polysulfide Odor
- Odor Threshold : Data Not Available for Mixture
- pH : Data Not Available for Mixture
- Melting Point / Freezing Point : Data Not Available for Mixture
- Initial Boiling Point and Boiling Range : Data Not Available for Mixture
- Evaporation Rate : Data Not Available for Mixture
- Flammability (solid, gas) : Data Not Available for Mixture
- Upper / Lower Flammability or Explosive Limits : Data Not Available for Mixture
- Vapor Pressure : Data Not available for Mixture
- Vapor Density : Data Not Available for Mixture
- Relative Density : Data Not Available For Mixture
- Solubility (ies) : Data Not Available for Mixture
- Partition Coefficient : n-octanol / water : Data Not Available for Mixture
- Auto-ignition Temperature : Data Not Available for Mixture
- Decomposition Temperature : Data Not Available for Mixture
- Viscosity : Data Not Available for Mixture

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## 10. STABILITY AND REACTIVITY

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Stable under recommended storage and handling conditions (see SDS section 7).

### HAZARDOUS DECOMPOSITION PRODUCTS INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:

- Carbon Monoxide
- Sulfur Oxides
- Carbon Dioxide
- Formaldehyde
- Nitrogen Oxides
- Halogenated Compounds
- Oxides of Carbon, Nitrogen, Sulfur Dioxide, Trace Hydrogen Sulfide
- Metal Oxide / Oxides
- Smoke
- Gaseous Hydrogen Chloride

Emits toxic fumes when heated.

In case of inhalation of decomposition products released in a fire, symptoms may be delayed. Exposed persons may need to be kept under medical surveillance for at least 48 hours.

Reactivity : Data Not Available for Mixture

Chemical Stability : Data Not Available for Mixture

Possibility of Hazardous Reactions : Data Not Available for Mixture

Conditions to Avoid : Data Not Available for Mixture

Incompatible Materials : Data Not Available for Mixture

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## 11. TOXICOLOGICAL INFORMATION

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There are no data available on the preparation itself. See (SDS Sections 3 and 15) for details.

Exposure to component solvents vapors at concentrations in excess of the stated Occupational Exposure Limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms and signs of overexposure include headache, dizziness, fatigue, muscular weakness, drowsiness, reduced fetal weight, increase in fetal deaths, skeletal malformations, and in extreme cases loss of consciousness. Repeated or prolonged contact with the preparation may cause Defatting of the skin resulting in non-allergic dermatitis and absorption through the skin.

The liquid splashed in the eyes causes serious eye irritation and damage.

Irritating to mouth, throat and stomach. Ingestion causes reduced fetal weight, increased fetal deaths and skeletal malformations

Formaldehyde is released during curing.

### ACUTE TOXICITY:

PRODUCT:	RESULT	SPECIES	DOSE	EXPOSURE
Calcium Carbonate	LD50 ORAL	Rat	6450 mg/kg	-
Toluene	LC50 Inhalation Vapor	Rat	49 g/m <sup>3</sup>	4 Hours
	LC50 Inhalation Vapor	Rat	8000 ppm	4 Hours
	LD50 Dermal	Rabbit	8.39 g/kg	-
Titanium Dioxide	LD50 ORAL	Rat	636 mg/kg	-
	LD50 ORAL	Rat	>10g/kg	-
Phenol Polymer	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 ORAL	Rat	>2000 mg/kg	-



**CARCINOGENICITY:**

INGREDIENT	IARC	OSHA	NTP	CAS#
TOLUENE :	3	-	-	108-88-3
TITANIUM DIOXIDE :	2B	-	-	13463-67-7
QUARTZ	2A	PRESENT	GROUP A	14808-60-7

**SPECIFIC TARGET ORGAN TOXICITY-STOT (SINGLE EXPOSURE)**

TOLUENE - CATEGORY 3

**SPECIFIC TARGET ORGAN TOXICITY-STOT (REPEATED EXPOSURE)**

TOLUENE - CATEGORY 2

**TARGET ORGANS:** BRAIN, BLOOD, KIDNEYS, LUNGS, REPRODUCTIVE SYSTEM, LIVER, HEART, PERIPHERAL NERVOUS SYSTEM, GASTROINTESTINAL TRACT, UPPER RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS AND/OR CORNEA.

**ASPIRATION HAZARD:**

TOLUENE - CATEGORY 1

**12. ECOLOGICAL INFORMATION**

There is no data available on the preparation itself. See (SDS Sections 3 and 15)

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

Empty containers and/or liners may contain material residue. Empty contaminated packaging thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations.

**Toxicity :**

Product / Ingredient	Result	Species	Exposure
Titanium Dioxide	Acute LC50>100mg/l Fresh Water	Daphnia	48 Hours

**Persistence and Degradability :**

Product / Ingredient	Aquatic Half Life	Photolysis	Biodegradability
Toluene	-	-	Readily (5 days - 81 %)
Phenol Polymer	-	-	Not Readily Biodegradable (28 days - 5%)

**Bioaccumulative Potential :**

Product / Ingredient	LogP(ow)	BCF	Potential
Toluene	2.73	8.32	low
Phenol Polymer	-	31	low

**Mobility in Soil : Not Available**

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**13. DISPOSAL CONSIDERATIONS**

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Recommended incineration or land fill as hazardous waste per Federal, State and local regulations.

React with curing agent and dispose of as hazardous waste per Federal, State and local regulations. Recommended incineration or land fill.

Empty containers and/or liners may contain material residue. Empty contaminated packaging thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

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**14. TRANSPORT INFORMATION**

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DOT: Not regulated

UN Number: Not regulated

IATA: Not regulated

IMDG/IMO: Not regulated

NMFC: 4620 SUB.5 – CL.60

Schedule B # 3506.91.0000

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**15. REGULATORY INFORMATION**

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**US Regulations Federal**

chemical (s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 (SARA)	Chemical Name	CAS No	Weight %	Threshold limit (Reporting Value)
	TOLUENE (Methylbenzene)	108-88-3	<3%	Unknown
	Calcium Carbonate	471-34-1	<45%	Unknown
	Thiram	137-26-8	<0.5%	Unknown
	Titanium Dioxide	*13463-67-7 (DELETED CAS# 98084-96-9)	< 10%	Unknown

SARA notifications must remain attached to this SDS. Any copies and /or distribution of this SDS must include all SARA notifications.

All remaining Constituents are non-hazardous per FED-STD-313 All Constituents are listed in TSCA inventory; complete mixture is excluded Per TSCA Par. 710.4 (d) 95 (6) (7) Constituents are not listed in TSCA 12b CORR. LIST

**SARA SECTION 311 AND 312 - HAZARDOUS CATEGORIES**

**Toluene:** Fire Hazard, Immediate (acute) Health Hazard, Delayed (chronic) Health Hazard

**Titanium Dioxide:** Delayed (chronic) Health Hazard

**Thiram :** Immediate (Acute) Health Hazard, (Delayed) Chronic Health Hazard

**Crystalline Silica (Quartz) :** Chronic Health Hazard

**Sudden Release Of Pressure:** No Products

**Reactivity:** No Products

**US Regulations State**

California Proposition 65 (Developmental – Female)	<b>TOLUENE</b>	108-88-3	<3%	>= 1.0%
Massachusetts	<b>TOLUENE</b>	108-88-3	<3%	>= 1.0%
New Jersey	<b>TOLUENE</b>	108-88-3	<3%	>= 1.0%
Pennsylvania	<b>TOLUENE</b>	108-88-3	<3%	>= 1.0%
Rhode Island	<b>TOLUENE</b>	108-88-3	<3%	>= 1.0%
California Proposition 65 (Developmental – Female)	Calcium Carbonate	471-34-1	<45%	>= 1.0%
Massachusetts	Calcium Carbonate	471-34-1	<45%	>= 1.0%
New Jersey	Calcium Carbonate	471-34-1	<45%	>= 1.0%
Pennsylvania	Calcium Carbonate	471-34-1	<45%	>= 1.0%
Rhode Island	Calcium Carbonate	471-34-1	<45%	>= 1.0%
California Proposition 65 (Developmental – Female)	Titanium Dioxide	13463-67-7	<10%	>= 1.0%
Massachusetts	Titanium Dioxide	13463-67-7	<10%	>= 1.0%
New Jersey	Titanium Dioxide	13463-67-7	<10%	>= 1.0%
Pennsylvania	Titanium Dioxide	13463-67-7	>= 1.0%	>= 1.0%
Rhode Island	Titanium Dioxide	13463-67-7	<10%	>= 1.0%
California Proposition 65	Crystalline Silica	14808-60-7	<0.5%	>= 1.0%

**Toluene:** Fire Hazard, Immediate (acute) Health Hazard, Delayed (chronic) Health Hazard

**Titanium Dioxide:** Delayed (chronic) Health Hazard

**Sudden Release Of Pressure:** No Products

**Reactivity:** No Products

**California Prop. 65 : Warning**

This product contains a chemical or chemicals known by the State of California to cause cancer, birth defects, or other reproductive harm.

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

Listed National Pollutant Release Inventory (NPRI):TOLUENE CAS:108-88-3

Calcium Carbonate CAS#471-34-1

Liquid Polymer cas# N/A

Liquid Polymer cas# N/A

Titanium Dioxide CAS#13463-67-7

**OTHER CHEMICAL LISTING INFORMATION RELATED TO THIS PRODUCT:**

Australia (AICS) - All Components are Listed on Australian Inventory of Chemical Substances.

**LIST OF ABBREVIATIONS :**

- OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
- ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGENISTS
- PNOC - PARTICULATES NOT OTHERWISE CLASSIFIED (ACGIH)
- TWA - TIME WEIGHTED AVERAGE
- IARC - INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
- NTP - NATIONAL TOXICOLOGY PROGRAM
- SARA - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT
- NFPA - NATIONAL FIRE PROTECTION ASSOCIATION
- HMIS - HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

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**16. OTHER INFORMATION**

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HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

Customer and / or end user is responsible for determining PPE.

**NFPA**

**HMIS**

Preparer:

Flamemaster / Compliance

Revision Date: 05/17/2022

Conversion to ANSI format

Containers:

plastic jars, metal cans  
cartridge kits

Limited Quantity

See SDS Section 14

Maximum container size 50 Gallons / 190 Liters

**Notice to reader:**

**This SDS is provided without any warranty expressed or implied regarding its correctness or suitability for specific situations. The conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge.**

**In all cases, the user must determine the applicability of all information and recommendations contained herein as well as the suitability of this product for their own particular needs or purposes.**

**This product may be hazardous and should always be used with care and discretion. Every effort has been made to describe all known hazards, but this in no way guarantees the above mentioned hazards are the only hazards present.**

**Flamemaster Corporation, its Affiliates and its Agents, shall in no way be held liable for any damages resulting from handling, using, storing, disposing of, or from contact with this product. User assumes all risk.**

**End of Safety Data Sheet**