

**13576 Desmond Street**  
**Pacoima, CA 91331 - USA**

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

1.1. Product Identifier: CS-3201 PT B CATALYST CL A BLACK OR TAN ALL  
- Product -Sealing Compound  
- Product reference: CS-3201-B

**1.2. Product Use:**  
- SEALING COMPOUND

**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](http://www.flamemaster.com)

**Emergency Contact Information :**  
See Below

Specification:	AMS 7124 / MIL-S-7502		CATALYST PT B		CLASS A
<b>NSN:</b>	8030-00-174-2601 CS3201 A1/2 PT	8030-01-381-1821 CS3201 A1/2 8OZ	8030-00-286-2266 CS3201 A2 1/2 PT	8030-00-174-3199 CS3201 A-2 PINT	
	8030-00-174-2600 CS3201 A-4 PINT	8030-01-050-8287 CS3201 A1/2 BLK QT	8030-00-559-6131 CS3201 A-2 BLK QT	8030-00-275-8116 CS3201 A-2 QUART	

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

---

## Section -2. HAZARD ( S ) IDENTIFICATION

ASPIRATION HAZARD - CATEGORY 1  
ACUTE TOXICITY (ORAL) 4, H302  
ACUTE TOXICITY (INHALATION) 4, H332  
SKIN CORROSION/IRRITATION - Category 2, H315  
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2, H319  
SKIN SENSITIZATION 1, H317  
CARCINOGENICITY 1B, H350  
TOXIC TO REPRODUCTION (FERTILITY) 2, H361f  
REPRODUCTIVE TOXICITY 1A, H360  
SPECIFIC TARGET ORGAN TOXICITY (STOT) REPEATED EXPOSURE 2, H373  
REPRODUCTIVE TOXICITY, EFFECTS ON OR VIA LACTATION  
ACUTE AQUATIC TOXICITY 1, H400  
CHRONIC AQUATIC TOXICITY 1, H410

**OSHA / HCS STATUS :** THIS MATERIAL IS CONSIDERED HAZARDOUS BY THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

Human and Environmental Hazards:

### HAZARD STATEMENTS:

MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS - H304  
MAY CAUSE AN ALLERGIC SKIN REACTION - H317  
MAY CAUSE CANCER - H350  
HARMFUL IF SWALLOWED - H302  
HARMFUL IF INHALED - H332  
CAUSES SKIN IRRITATION - H315  
CAUSES SERIOUS EYE IRRITATION - H319  
SUSPECTED OF DAMAGING FERTILITY - H361f  
MAY DAMAGE FERTILITY OR THE UNBORN CHILD - H360  
CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE - H373  
MAY CAUSE HARM TO BREAST-FED CHILDREN - H362  
VERY TOXIC TO AQUATIC LIFE - H400  
VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS - H410

### HAZARD PICTOGRAMS:



**SIGNAL WORD:**

**DANGER**

### 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.

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.

**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.
- P271: Use only outdoors or in a well - ventilated area.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- 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 / ...
- P301+312: IF SWALLOWED: Call a POISON CENTER / doctor / .../ if you feel unwell.
- P302+352: IF ON SKIN: Wash with plenty of water / ...
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 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.
- P312: Call a POISON CENTER / doctor /... / if you feel unwell.
- P314: Get medical advise / attention if you feel unwell.
- P321: Specific treatment...See Label Information
- P330: Rinse mouth
- P331: Do NOT induce vomiting.
- P332+313: If skin irritation occurs: Get medical advice / attention.
- P333+313: If skin irritation or a rash occurs: Get medical advice / attention.
- P337+313: If eye irritation persists: Get medical advice / attention.
- P362: Take off all contaminated clothing.
- P363: Wash contaminated clothing before reuse.
- P391: Collect spillage.
- P405: Store locked up.
- P501: Dispose of contents / containers in accordance with local / regional / national / international regulations

**HAZARDS NOT OTHERWISE CLASSIFIED: OXIDISING POTENTIAL:** Contact with combustible material may result in fire.

Keep away from combustible materials. This material increases the risk of fire and may aid in combustion.

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

**Other Hazards that do not result in classification:**

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

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

**Chemical family :** Mixture of organic compounds

For the hazards of the composition, ( SDS see Section 2).

LEAD DIOXIDE	CAS#1309-60-0	EC#215-174-5	70-80% by weight
OSHA HAZARDS: OXIDIZER, CARCINOGEN, TARGET ORGAN EFFECT, TOXIC BY INHALATION, HARMFUL BY INGESTION			
TERATOGEN,REPRODUCTIVE HAZARD			
TARGET ORGANS: FEMALE REPRODUCTIVE SYSTEM, MALE REPRODUCTIVE SYSTEM, NERVES, BLOOD, KIDNEY			
GHS CLASSIFICATION: LEAD DIOXIDE			
OXIDIZING SOLIDS (CATEGORY 3), H272			
ACUTE TOXICITY, ORAL (CATEGORY 4), H302			
ACUTE TOXICITY, INHALATION (CATEGORY 4),H332			
CARCINOGENICITY (CATEGORY 1B), H350			
REPRODUCTIVE TOXICITY (CATEGORY 1A), H360			
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE (CATEGORY 2), H373			
ACUTE AQUATIC TOXICITY (CATEGORY 1), H400		CHRONIC AQUATIC TOXICITY (CATEGORY 1), H410	

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.

**LEAD OXIDE**

CAS#1317-36-8

EC# 215-267-0

&lt;10% by weight

OSHA HAZARDS: CARCINOGEN, TARGET ORGAN EFFECT, TOXIC BY INHALATION, HARMFUL BY INGESTION

TERATOGEN, REPRODUCTIVE HAZARD

TARGET ORGANS: BLOOD, KIDNEY, NERVES, GASTROINTESTINAL TRACT, REPRODUCTIVE SYSTEM

GHS CLASSIFICATION: LEAD OXIDE

ACUTE TOXICITY, INHALATION (CATEGORY 4), H332

ACUTE TOXICITY, ORAL (CATEGORY 4), H302

CARCINOGENICITY, (ORAL), (CATEGORY 2), H351

REPRODUCTIVE TOXICITY (CATEGORY 1A), H360

SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE (CATEGORY 2), H373

ACUTE AQUATIC TOXICITY (CATEGORY 1), H400

CHRONIC AQUATIC TOXICITY (CATEGORY 1), H410

Lead Oxide is included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH)

**CHEMICAL NAME: TERPHENYL, HYDROGENATED**

CAS# 61788-32-7

EC# 262-967-7

&lt;50% by weight

AQUATIC CHRONIC (CATEGORY 4) - H413

**CHEMICAL NAME: TERPHENYL**

CAS# 26140-60-3

EC# 247-477-3

&lt;10% by weight

AQUATIC ACUTE (CATEGORY 1) - H400

AQUATIC CHRONIC (CATEGORY 1) - H410

**CHEMICAL NAME: POLYPHENYL, QUATER AND HIGHER**

CAS# 68956-74-1

&lt;10% by weight

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

**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:** Check for and remove any contact lenses. Irrigate with clean, fresh water for at least 15 minutes, holding the eyelids apart. 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.

---

---

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

---

---

**Extinguishing agents**

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

**Agents to avoid:** None known

**Attention**

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
- Oxides of nitrogen
- Metal Oxide / Oxides
- Lead Oxides
- Smoke

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.

---

---

**Section -6. ACCIDENTAL RELEASE MEASURES**

---

---

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). Do not allow to enter drains or watercourses.

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.

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.

---

---

**Section -7. HANDLING AND STORAGE**

---

---

**7.1 Handling:**

No smoking, eating and drinking during handling.

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.

**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. For flash points below 23 °C store in an area constructed to the appropriate standard

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.

---

---

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

---

---

### 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.

---

### 8.2 Exposure limits

---

Work place exposure limits ( 8 hour )

Substance	ACGIH TLV
Lead Dioxide	TWA: 0.05 mg/m <sup>3</sup>
Lead oxide	TWA: 0.05 mg/m <sup>3</sup>
Terphenyl, Hydrogenated	TWA: 4.9 mg/m <sup>3</sup> 8 hours
	TWA: 0.5 ppm 8 hours
Terphenyl	C: 5mg/m <sup>3</sup>
	C: 0.53 ppm
Zinc Stearate	10.00mg/m <sup>3</sup>

### 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.

---

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

---

- Physical state at: 68 ° F (20 ° C) Liquid
- Flash point: 200 ° F (93 ° C) Method: TCC
- Color: BROWN
- Appearance: PASTE
- Odor: NEGLIGIBLE OILY 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

---

---

## 10. STABILITY AND REACTIVITY

---

---

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
- Oxides of nitrogen
- Metal Oxide / Oxides
- Lead Oxides
- Smoke

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

---

---

## 11. TOXICOLOGICAL INFORMATION

---

---

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

**ACUTE TOXICITY:**

PRODUCT:	RESULT	SPECIES	DOSE	EXPOSURE
Lead Dioxide	No Data Available			
	LD50 Intraperitoneal	Guinea Pig	220mg/kg	-
Lead Oxide	No Data Available			
Terphenyl,Hydrogenated	LD50 ORAL	Rat	17500 mg/kg	-
Terphenyl	LD50 Oral	Rat	>1400 mg/kg	-

**Skin Corrosion / Irritation**

Lead Oxide - Rabbit - Mild Skin Irritation - 24Hours

**Serious Eye Damage / Eye Irritation**

Lead Oxide - Rabbit - No Eye Irritation

**Germ Cell Mutagenicity**

Lead Oxide - Hamster - Embryo - Morphological Transformation

**CARCINOGENICITY:**

INGREDIENT	IARC	OSHA	NTP
Lead Dioxide	2A	Specifically Regulated Carcinogen	Reasonably Anticipated to be Human Carcinogen
Lead Oxide	2A	Specifically Regulated Carcinogen	Reasonably Anticipated to be Human Carcinogen

**Reproductive Toxicity**

Lead Dioxide:

May cause congenital malformation in fetus-Known human reproductive toxicant

Lead Oxide:

May cause congenital malformation in fetus-Known human reproductive toxicant.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Lead Oxide: May cause damage to organs through prolonged or repeated exposure.

Lead Dioxide: May cause damage to organs through prolonged or repeated exposure



**OTHER INFORMATION CONCERNING LEAD SALTS:**

Lead salts can cross the placenta and induce embryo- and feto- mortality. They also exhibit teratogenic effects in some animal species. Lead has been shown to exhibit adverse effects on human reproduction, embryonic and fetal development, and postnatal development.

Exposure to lead can affect the blood, nervous and digestive systems. Some of the symptoms of exposure include the following: anemia, neuromuscular dysfunction, paralysis, encephalopathy, joint and muscle pain, muscle weakness, headache, dizziness, abdominal pain, diarrhea, constipation, nausea, vomiting, a blue line on the gums, insomnia, and a metallic taste. High levels of exposure produce increased cerebrospinal pressure, brain damage, and stupor which will lead to coma and death. Exposure to lead also produces anorexia and convulsions.

Lead Dioxide: Stomach-Irregularities - Based on human evidence

Lead Oxide: Stomach-Irregularities - Based on human evidence

May Be Fatal if Swallowed and Enters Airways

Harmful by Inhalation and / or Swallowing

Irritating to Eyes and Skin

May Cause An Allergic Skin Reaction

May Cause Cancer

May Damage Fertility or the Unborn Child

May Cause Damage to Organs Through Prolonged or Repeated Exposure

Avoid exposure during pregnancy/while nursing.

**Target Organs:** lungs, skin, central nervous system, blood, kidneys, nervous system, liver, spleen, lymphatic system, cardiovascular system, upper respiratory tract, bone marrow, digestive system, eye, lens, cornea

---

---

**12. ECOLOGICAL INFORMATION**

---

---

There is no data available on the preparation itself. Do not allow the product to enter drains or water ways. See (SDS Sections 3 and 15)

Empty containers and/or liners may contain material residue. Empty contaminated packagings 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.

**Toxicity:**

**Product**

Lead Oxide - LC 50 - Pimephales promelas (fathead minnow) - 0.298mg/l - 96 hours

Lead Oxide - EC 50 - Daphnia Magna ( water flea) - 0.132 mg/l - 48 hours

**Biodegradability:**

Lead Dioxide - Not readily Biodegradable

Lead Oxide - No data available

**Bioaccumulative Potential:**

Product	LogPow	BCF	Potential
No Data Available			

TOXICITY : No Data Available for Finished Product

PERSISTANCE AND DEGRADABILITY: No Data Available for Finished Product

AQUATIC HALF LIFE : No Data Available for Finished Product

PHOTOLYSIS : No Data Available for Finished Product

BIODEGRADABILITY : No Data Available for Finished Product

BIOACCUMULATIVE POTENTIAL : No Data Available for Finished Product

MOBILITY IN SOIL : No Data Available for Finished Product

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.

---

---

### 13. DISPOSAL CONSIDERATIONS

---

---

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

React with base 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 packagings 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.

---

---

### 14. TRANSPORT INFORMATION

---

---

#### 14. TRANSPORT INFORMATION

DOT:

UN Number: 3082

UN PROPER SHIPPING NAME - ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LEAD DIOXIDE, TERPHENYL)

**TRANSPORT CLASS - 9**

**PACKING GROUP - III**

ENVIRONMENTAL HAZARD- YES

MARINE POLLUTANT - Yes

#### IMDG

UN NUMBER - 3082

UN PROPER SHIPPING NAME - ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LEAD DIOXIDE, TERPHENYL)

TRANSPORT CLASS - 9

**PACKING GROUP - III**

ENVIRONMENTAL HAZARDS - YES

MARINE POLLUTANT - Yes

#### IATA

UN NUMBER - 3082

UN PROPER SHIPPING NAME - ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LEAD DIOXIDE, TERPHENYL)

TRANSPORT CLASS - 9

PACKING GROUP - III

ENVIRONMENTAL HAZARDS - YES

MARINE POLLUTANT - N/A

Additional Information:

DOT : Not regulated as hazardous material in sizes ≤ 5L or ≤ 5kg,  
as long as packaging meets the provisions of 173.24 and 173.24a

IMDG : Not regulated as hazardous material in sizes ≤ 5L or ≤ 5kg,  
as long as packaging meets the provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8

IATA : Not regulated as hazardous material in sizes ≤ 5L or ≤ 5kg,  
as long as packaging meets the provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8

---

---

**15. REGULATORY INFORMATION**

---

---

**SARA 311/312****Composition of Ingredients :**

Polyphenyls, quater and higher : Immediate (acute) health hazard

Terphenyl : Immediate (acute) health hazard

Lead Dioxide : No Data Available

Lead Oxide : No Data Available

**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)
	Lead Dioxide	1309-60-0	70-80%	Unknown
	Lead Oxide	1317-36-8	<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

**US Regulations State**

California Proposition 65 (Developmental – Female)	<b>Lead Dioxide</b>	1309-60-0	70-80%	>= 1.0%
Massachusetts	<b>Lead Dioxide</b>	1309-60-0	70-80%	>= 1.0%
New Jersey	<b>Lead Dioxide</b>	1309-60-0	70-80%	>= 1.0%
Pennsylvania	<b>Lead Dioxide</b>	1309-60-0	70-80%	>= 1.0%
Rhode Island	<b>Lead Dioxide</b>	1309-60-0	70-80%	>= 1.0%
California Proposition 65 (Developmental – Female)	<b>Lead Oxide</b>	1317-36-8	<10%	>= 1.0%
Massachusetts	<b>Lead Oxide</b>	1317-36-8	<10%	>= 1.0%
New Jersey	<b>Lead Oxide</b>	1317-36-8	<10%	>= 1.0%
Pennsylvania	<b>Lead Oxide</b>	1317-36-8	<10%	>= 1.0%
Rhode Island	<b>Lead Oxide</b>	1317-36-8	<10%	>= 1.0%

**California Prop 65 Warning :**

This product contains one or more ingredients 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):

Lead Dioxide CAS#1309-60-0, Lead Oxide CAS#1317-36-8

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.

---

**Section 16 Other Information**

---

HEALTH	3	HEALTH	3
FLAMMABILITY	1	CHRONIC HEALTH HAZARD	*
REACTIVITY	1	FLAMMABILITY	1
		REACTIVITY	1

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

**NFPA****HMIS**

Preparer-Flamemaster/Compliance  
Revision Date - August 15, 2019

Containers: Plastic Jars, Metal Cans, Cartridge Kits

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**