Section -1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifier: CS-3205 PART A CLASS B (TYPE 1) ALL
   - Product Name: Integral Fuel Tank Sealant / Base compound Part-A / (Dichromate Cure)
   - Product reference: CS-3205 PT A CLASS B BASE COMPOUND ALL

1.2. Product Use:
   - Integral Fuel Tank Sealant / (Dichromate Cure)

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)

1.4. Emergency Telephone:
   - Flamemaster Corp.
   - Tel: 818-890-1401
   - Fax: 818-890-6001
   - www.flamemaster.com
   - Chemtrec – Chemtrec International
   - Tel: 800-424-9300 (North America)
   - Fax: 703-527-3887 (Outside North America)

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.

MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

Specification: AMS-S-8802 Base PT A CLASS B ALL PRE-MIX AND FROZEN

| NSN: | 8030-01-371-8406 | 8030-01-371-8405 |
| 2.5 OZ. CART. PMF | 6 OZ. CART. PMF |
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 SENSITIZATION - Category 1
- TOXIC TO REPRODUCTION (UNBORN CHILD) - Category 2
- SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (STOT RE) - CATEGORY 2
- CARCINOGENICITY (CATEGORY 2)

GHS LABEL REQUIREMENTS

HAZARD PICTOGRAMS

SIGNAL WORD : DANGER

HAZARD STATEMENTS:
- MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS
- MAY CAUSE AN ALLERGIC SKIN REACTION
- SUSPECTED OF DAMAGING THE UNBORN CHILD
- MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED AND / OR REPEATED EXPOSURE
- SUSPECTED OF CAUSING CANCER

PRECAUTIONARY STATEMENTS:
- P101+P102+P103: If medical advice is needed, have product container or label at hand. Keep out of reach of children.
- Read label before use
- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames and hot surfaces-No Smoking
- P240: Ground/bond container and receiving equipment
- P261+P262+P263+P264: Avoid breathing dust/fumes/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Avoid contact during pregnancy/while nursing. Wash thoroughly after handling.
- P270+P271+P273: Do not eat drink or smoke when using this product. Use only outdoors or in a well ventilated area. Avoid release to the environment.
- P281+P280: Use personal protective equipment as required. Wear protective gloves/protective clothing/eye protection/face protection
- P301+P310+P331: If swallowed: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.
- P305+P351+P338+P315: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
- P304+P340+P315: If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- P342+P340+P315: If experiencing respiratory symptoms: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.
- P302+P352: If on skin (or in hair): Wash with plenty of soap and water. If skin irritation occurs seek medical attention
- P306+P361: If on clothing: Remove/ take off immediately all contaminated clothing
- P402+P403+P404: Store in a dry place. Store in a well ventilated space. Store in a closed container.
- P233+P234+P235: Keep container tightly closed. Keep only in original container. Keep cool.

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus. MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY
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. Dust from grinding and sanding may be harmful if inhaled.

HAZARDS NOT OTHERWISE CLASSIFIED:
Prolonged or repeated exposure may dry skin and/or cause skin irritation.

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus. MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

Section -3. COMPOSITION / INFORMATION ON INGREDIENTS

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

GHS CLASSIFICATION: LIQUID POLYSULFIDE POLYMER // OSHA HAZARDS: TARGET ORGAN EFFECT, IRRITANT, FLAMMABLE LIQUID
EYE IRRITATION (CATEGORY 2)
SKIN IRRITATION (CATEGORY 2)
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE-(CATEGORY 3)
AQUATIC, CHRONIC (CATEGORY 3)

GHS CLASSIFICATION: LIQUID PHENOL POLYMER // OSHA HAZARDS: TARGET ORGAN EFFECT, IRRITANT, FLAMMABLE LIQUID
EYE IRRITATION (CATEGORY 2)
SKIN IRRITATION (CATEGORY 2)
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE-(CATEGORY 3)
AQUATIC, CHRONIC (CATEGORY 3)

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS): TOLUENE
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

CALCIUM CARBONATE:
GHS CLASSIFICATION: CALCIUM CARBONATE
EYE DAMAGE (CATEGORY 1)
SKIN IRRITATION (CATEGORY 2)
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE-(CATEGORY 3)

METHYLATED SILICA
GHS CLASSIFICATION CATEGORIES NOT AVAILABLE

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus. MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

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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: 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.

Section -5. FIRE-FIGHTING MEASURES

Recommended: Universal resistant foam, CO2, water, powder.

Agents to avoid: None known

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.

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.

MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY
HAZARDOUS DECOMPOSITION PRODUCTS INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:
CARBON DIOXIDE, CARBON MONOXIDE, HALOGENATED COMPOUNDS,
METAL OXIDE / OXIDES AND FORMALDEHYDE, TOXIC FUMES, HAZARDOUS FUMES

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. 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.
Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.
MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

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.

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.
MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

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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

<table>
<thead>
<tr>
<th>Substance</th>
<th>OSHA</th>
<th>ACGIH TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALIPHATIC POLYSULFIDE-POLYMER *</td>
<td>Not known</td>
<td>Not known</td>
</tr>
<tr>
<td>PHENOLIC POLYMER</td>
<td>Not known</td>
<td>Not known</td>
</tr>
<tr>
<td>TOLUENE (Methylbenzene)*</td>
<td>200 ppm</td>
<td>20 ppm</td>
</tr>
<tr>
<td>CALCIUM CARBONATE *</td>
<td>5 mg/m³ (RESPIRABLE FRACTION)</td>
<td>3 mg/m³ (RESPIRABLE FRACTION)</td>
</tr>
<tr>
<td>CALCIUM CARBONATE</td>
<td>15mg/m³ (TOTAL DUST)</td>
<td>10 mg/m³ (TOTAL DUST)</td>
</tr>
<tr>
<td>METHYLATED SILICA</td>
<td>N/A</td>
<td>3 mg/m³ (RESPIRABLE PARTICLES)</td>
</tr>
</tbody>
</table>

* 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at: 68 °F (20 °C) SOLID
- Flash point: 200 °F (93 °C) Method: TCC
- Specific gravity at: 68 °F (20 °C) N/A
- Vapor Density: NIL
- Lower Explosive Limit (% vol.): N/A
- Upper Explosive Limit (% vol.): N/A
- Miscibility in water at 20 °C: NEGLIGIBLE
- VOC: 11.81 g/l

- Ph : N/A
- Volatile by VOLUME: N/A
- Vapor pressure at: 68 °F (20 °C) NIL
- Color: BEIGE/BLACK
- Appearance: PASTE
- Odor: Polysulfide Odor
- Boiling Point: Unknown

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10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see SDS section 7). In case of combustion, may produce hazardous decomposition products.

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

- Carbon Monoxide
- Smoke
- Carbon Dioxide
- Formaldehyde
- Halogenated Compounds
- Oxides of Nitrogen
- Metal Oxide / Oxides
- Toxic Fumes

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.

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 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:

<table>
<thead>
<tr>
<th>PRODUCT:</th>
<th>RESULT</th>
<th>SPECIES</th>
<th>DOSE</th>
<th>EXPOSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>LD50 ORAL</td>
<td>Rat</td>
<td>6450 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>49 g/m³</td>
<td>4 Hours</td>
</tr>
<tr>
<td></td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>8000 ppm</td>
<td>4 Hours</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>8.39 g/kg</td>
<td>-</td>
</tr>
<tr>
<td>Methylated Silica</td>
<td>LD50 ORAL (Acute)</td>
<td>Rat</td>
<td>&gt; 6350 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal (Acute)</td>
<td>Rat</td>
<td>&gt; 2000 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

May cause damage to organs through prolonged or repeated exposure.

Suspected of causing cancer. Risk depends on level and duration of exposure.

Suspected of damaging the unborn child.

CARCINOGENICITY:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>IARC</th>
<th>OSHA</th>
<th>NTP</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>3</td>
<td>-</td>
<td>-</td>
<td>108-88-3</td>
</tr>
</tbody>
</table>

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.

MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY
SPECIFIC TARGET ORGAN TOXICITY-STOT (SINGLE EXPOSURE)
LIQUID POLYMER - CATEGORY 3
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

ACUTE TOXICITY ESTIMATES:

<table>
<thead>
<tr>
<th>ROUTE</th>
<th>ATE VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORAL</td>
<td>41832 mg/kg</td>
</tr>
</tbody>
</table>

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.
MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

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)
Toxicity : N/A

Persistence and Degradability:

<table>
<thead>
<tr>
<th>Product / Ingredient</th>
<th>Aquatic Half Life</th>
<th>Photolysis</th>
<th>Biodegradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>-</td>
<td>-</td>
<td>Readily</td>
</tr>
</tbody>
</table>

Bioaccumulative Potential:

<table>
<thead>
<tr>
<th>Product / Ingredient</th>
<th>LogP(ow)</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>2.73</td>
<td>8.32</td>
<td>low</td>
</tr>
</tbody>
</table>

Toxicity to Fish:

<table>
<thead>
<tr>
<th>PRODUCT:</th>
<th>RESULT</th>
<th>SPECIES</th>
<th>DOSE</th>
<th>EXPOSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylated Silica</td>
<td>LC 50</td>
<td>Brachydanio Rerio</td>
<td>&gt;10000 mg/l</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>EC 50</td>
<td>Daphnia Magna</td>
<td>&gt; 10000 mg/l</td>
<td>24 hours</td>
</tr>
</tbody>
</table>

Mobility in Soil: Not Available

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13. DISPOSAL CONSIDERATIONS

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 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

DOT: § 172.101 HAZARDOUS MATERIALS TABLE
UN Number: 1845
Proper Shipping Name: Carbon Dioxide Solid (Dry Ice)
Labels: Carbon Dioxide Solid (Dry Ice)

Hazard Class: 9  Subclass: NO
Packaging Group: III
Limited Quantity: Passenger aircraft: 10 Liter (2.64 Gallons)
Cargo aircraft only: 220 Liter (58 gallon)
Vessel stowage: A
ERG: 128
NMFC 4620 sub.5-CL.60
Schedule B # 3506.91.0000

IATA: UN Number: 1845
Proper Shipping Name: Carbon Dioxide Solid (Dry Ice)
Labels: Carbon Dioxide Solid (Dry Ice)
Hazard Class: 9  Subclass: NO
Packaging Group: III
Passenger Air Packing Instruction: 355
Passenger aircraft: 60 Liter (16 gallon)
Cargo Air Packing Instruction: 366
Cargo aircraft only: 220 Liter (58 gallon)

IMDG: UN Number: 1845
Proper Shipping Name: Carbon Dioxide Solid (Dry Ice)
Label: Carbon Dioxide Solid (Dry Ice)
Hazard Class: 9  Subclass: NO
Packaging Group: III
EMS No: F, E – S, D

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus. MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

15. REGULATORY INFORMATION

US Regulations Federal

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight %</th>
<th>Threshold limit (Reporting Value)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE (Methylbenzene)</td>
<td>108-88-3</td>
<td>&lt;10%</td>
<td>Unknown</td>
</tr>
<tr>
<td>LIQUID POLYMER</td>
<td>N/A</td>
<td>&lt;70%</td>
<td>Unknown</td>
</tr>
<tr>
<td>LIQUID PHENOLIC POLYMER</td>
<td>N/A</td>
<td>&lt;70%</td>
<td>Unknown</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>72608-12-9</td>
<td>&lt;45%</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

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
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**US Regulations State**

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Compound</th>
<th>CAS Number</th>
<th>% Concentration</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>California Proposition 65</td>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>&lt;10%</td>
<td>&gt;= 1.0%</td>
</tr>
<tr>
<td>(Developmental – Female)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Massachusetts</td>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>&lt;10%</td>
<td>&gt;= 1.0%</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>&lt;10%</td>
<td>&gt;= 1.0%</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>&lt;10%</td>
<td>&gt;= 1.0%</td>
</tr>
<tr>
<td>California Proposition 65</td>
<td>LIQUID POLYMER</td>
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Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.

**MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY**
**United States:** Sara 302/304 (Sara 304 RQ): Not Applicable

Information On Ingredients: None Were Found

Sara 311/312

Classification: Immediate (acute) Health Hazard, Delayed (chronic) Health Hazard

**Information On Ingredients:**

**Polysulfide Polymer:** Immediate (acute) Health Hazard

**Phenolic Polymer:** Immediate (acute) Health Hazard, Fire Hazard

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

**Methylated Silica:** Not Available

**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.

---

**Canada**

![Class B - Flammable TOLUENE](image)

**Class D - Poisonous and Infectious materials Division 2: Materials Causing Other Toxic Effects D2A TOLUENE D2B TOLUENE CAS# 108-88-3**

Liquid Polysulfide Polymer CAS# N/A

Liquid Phenol Polymer CAS# N/A

Calcium Carbonate CAS# 72608-12-9

Methylated Silica Cas#67762-90-7

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#72608-12-9
- Liquid Polysulfide Polymer cas# N/A
- Liquid Phenol Polymer cas# N/A
- Methylated Silica Cas#67762-90-7

**Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus. MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY**
Customer and/or end user is responsible for determining PPE.

### NFPA

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
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<tbody>
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### HMIS

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<td>0</td>
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</tbody>
</table>

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.
### Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th><strong>1.1. Product Identifier:</strong></th>
<th>CS-3205 Part B Class B (all application times) / (Dichromate Cure)</th>
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<tbody>
<tr>
<td><strong>- Product Name:</strong></td>
<td>Integral Fuel Tank Sealant / Catalyst Part B / Dichromate Cure</td>
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<tr>
<td><strong>- Product reference:</strong></td>
<td>CS-3205-B</td>
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<table>
<thead>
<tr>
<th><strong>1.2. Product Use:</strong></th>
<th>Integral Fuel Tank Sealant / Dichromate Cure</th>
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| **1.3. Manufacturer’s Name:** | Flamemaster Corp.  
|                             | CAGE Code: 14439  
|                             | Chem Seal Division  
|                             | 13576 Desmond Street  
|                             | Pacoima, CA 91333 – USA |
| **1.3.1 Suppliers Name (if not manufacturer):** | Flamemaster Corp.  
| **1.4. Emergency Telephone:** | Flamemaster Corp.  
|                              | Tel: 818-890-1401  
|                              | Fax: 818-890-6001  
|                              | www.flamemaster.com |
|                              | Chemtrec – Chemtrec International  
|                              | 800-424-9300 (North America)  
|                              | 703-527-3887 (Outside North America) |

<table>
<thead>
<tr>
<th><strong>Specification:</strong></th>
<th><strong>AMS-S-8802</strong></th>
<th><strong>CATALYST PART B</strong></th>
<th><strong>CLASS B</strong></th>
<th><strong>ALL</strong></th>
<th><strong>PRE-MIX AND FROZEN</strong></th>
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<td>8030-01-371-8405</td>
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<td>2.5 OZ. CART. PMF</td>
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**Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.**

**MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY**
Section -2. HAZARD ( S ) IDENTIFICATION

ASPIRATION HAZARD - (CATEGORY 1)
ACUTE TOXICITY (DERMAL) - CATEGORY 4,
ACUTE TOXICITY (INHALATION) - CATEGORY 3
SERIOUS EYE DAMAGE / EYE IRRITATION - CATEGORY 1
SKIN SENSITIZATION - CATEGORY 1
CARCINOGENICITY - CATEGORY 1A
TOXIC TO REPRODUCTION (UNBORN CHILD) - CATEGORY 1B
SPECIFIC TARGET ORGAN TOXICITY (STOT) REPEATED EXPOSURE - CATEGORY 2
SKIN CORROSION/IRRITATION - Category 1B

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
Toxic if Inhaled
Harmful if in contact with skin
Causes Severe Skin Burns and Eye Damage
May cause an allergic skin reaction
May cause cancer
May damage the unborn child
May cause damage to organs through prolonged or repeated exposure

HAZARD PICTOGRAMS:

SIGNAL WORD: DANGER

Full text of P statements associated to this compound:

- P101+P102+P103: If medical advice is needed, have product container or label at hand. Keep out of reach of children.
- Read label before use
- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames and hot surfaces-No Smoking
- P240: Ground/bond container and receiving equipment
- P261+P262+P263+P264: Avoid breathing dust/fumes/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Avoid contact during pregnancy/while nursing. Wash thoroughly after handling.
- P270+P271+P273: Do not eat drink or smoke when using this product. Use only outdoors or in a well ventilated area. Avoid release to the environment.

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• P281+P280: Use personal protective equipment as required. Wear protective gloves/ protective clothing/ eye protection/face protection
• P301+P310+P331: If swallowed: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.
• P305+P351+P338+P315: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice attention.
• P304+P340+P314: If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell
• P342+P340+P315: If experiencing respiratory symptoms: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.
• P302+P352: If on skin: Wash with plenty of soap and water
• P306+P361: If on clothing: Remove/ take off immediately all contaminated clothing
• P402+P403+P404: Store in a dry place. Store in a well ventilated space. Store in a closed container.
• P233+P234+P235: Keep container tightly closed. Keep only in original container. Keep cool.

Supplemental Label Information:
Sanding and grinding dusts may be harmful if inhaled. Always wear adequate safety equipment when working with this or any other material. Chromium (+6) is classified as a known carcinogenic compound by NTP, IARC and OSHA. This material emits toxic fumes when heated or burned.

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.

Other Hazards that do not result in classification:
Prolonged or repeated exposure may dry skin and / or cause irritation

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.
MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY
Section -3. COMPOSITION / INFORMATION ON INGREDIENTS

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

GHS CLASSIFICATION:

SODIUM DICHROMATE DIHYDRATE
Cas# 7789-12-0  EC# 234-190-3  <10% by weight
OXIDIZING SOLIDS (CATEGORY 2), H272
ACUTE TOXICITY, ORAL (CATEGORY 2), H300
ACUTE TOXICITY, INHALATION (CATEGORY 4), H332
ACUTE TOXICITY, DERMAL (CATEGORY 4), H312
SKIN CORROSION (CATEGORY 1B), H314
SERIOUS EYE DAMAGE (CATEGORY 1), H318
RESPIRATORY SENSITISATION (CATEGORY 1), H334
GERM CELL MUTAGENICITY (CATEGORY 1B), H340
CARCINOGENICITY (CATEGORY 1B), H350
REPRODUCTIVE TOXICITY (CATEGORY 1B), H360
SPECIFIC TARGET ORGAN TOXICITY- REPEATED EXPOSURE-(STOT RE), INHALATION (CATEGORY 1), H372
ACUTE AQUATIC TOXICITY (CATEGORY 1), H400
CHRONIC AQUATIC TOXICITY (CATEGORY 1), H410

CHEMICAL NAME: TERPHENYL, HYDROGENATED
Cas# 61788-32-7  EC# 262-967-7  <10% by weight
AQUATIC CHRONIC (CATEGORY 4) - H413

CHEMICAL NAME: CARBON BLACK
Cas# 1333-86-4  EC# 215-609-9  <10% by weight
NOT CLASSIFIED

CHEMICAL NAME: TERPHENYL, HYDROGENATED
Cas# 26140-60-3  EC# 247-477-3  <10% by weight
AQUATIC ACUTE (CATEGORY 1) - H400
AQUATIC CHRONIC (CATEGORY 1) - H410

CHEMICAL NAME: POLYPHENYL, QUATER AND HIGHER
Cas# 68956-74-1  <10% by weight

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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. Persons who have inhaled or otherwise been exposed to decomposition products from a fire, may exhibit delayed symptoms. Medical surveillance for a minimum of 48 hours is recommended.

Section -5. FIRE-FIGHTING MEASURES

**Extinguishing agents**

**Recommended:** Universal resistant foam, CO2, 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:** Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, Metal Oxide / Oxides, Smoke, Toxic Fumes, Other Hazardous Substances

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.

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.

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MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

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

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.

MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

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.

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8.2 Exposure limits

Work place exposure limits (8 hour)

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<td>SODIUM DICHROMATE DIHYDRATE</td>
<td>.005mg/m³ (OSHA SPECIFICALLY REGULATED CHEMICALS/CARCINOGENS)</td>
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<td>.05mg/m³ (ACGIH)</td>
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<tr>
<td>Terphenyl, Hydrogenated</td>
<td>TWA: 4.9 mg/m³ 8 hours</td>
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<td>TWA: 0.5 ppm 8 hours</td>
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<tr>
<td>Carbon Black</td>
<td>TWA: 3mg/m³ 8 hours (Inhalable Fraction)</td>
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<tr>
<td>Terphenyl</td>
<td>C: 5mg/m³</td>
</tr>
<tr>
<td></td>
<td>C: 0.53 ppm</td>
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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.

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.

MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at: 68 ° F (20 ° C) Solid
- Flash point: 200 ° F (93 ° C) Method: TCC
- Specific gravity at: 68 ° F (20 ° C) N/A
- Vapor Density: N/A
- Lower Explosive Limit (% vol.): N/A
- Upper Explosive Limit (% vol.): N/A
- Miscibility in water at 20 ° C: NEGLIGIBLE
- Ph: N/A
- % VOLATILE BY VOLUME - N/A
- Vapor pressure at: 68 ° F (20 ° C) N/A
- Color: BLACK
- Appearance: PASTE
- Odor: NEGLIGIBLE OILY ODOR
- Boiling Point: UNAVAILABLE

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10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see SDS section 7). In case of combustion, may produce hazardous decomposition products.

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

- Carbon monoxide
- Oxides of nitrogen
- Smoke
- Metal Oxide / Oxides
- Carbon Dioxide
- Toxic Fumes

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.

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:

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<th>PRODUCT:</th>
<th>RESULT</th>
<th>SPECIES</th>
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<th>EXPOSURE</th>
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<tr>
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<td>50 mg/kg</td>
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<td>Rat</td>
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<td>Carbon Black</td>
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<tr>
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<td>LD50 Oral</td>
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<td>&gt;1400 mg/kg</td>
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GERM CELL MUTAGENICITY: SODIUM DICHROMATE DIHYDRATE

May alter genetic material
In vivo tests showed mutagenic effects
Rat - Liver Damage, DNA Damage
Hamster - Lungs, Sister Chromatid Exchange
Rat - DNA Damage

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.
MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

CARCINOGENICITY:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>IARC</th>
<th>OSHA</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Dichromate Dihydrate</td>
<td>1</td>
<td>SPECIFICALLY REGULATED CARCINOGEN</td>
<td>KNOWN TO BE HUMAN CARCINOGEN</td>
</tr>
<tr>
<td>Carbon Black, Respirable Powder</td>
<td>2B</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

REPRODUCTIVE TOXICITY: SODIUM DICROMATE DIHYDRATE

May cause congenital malformation in fetus
Presumed human reproductive toxicant
May cause reproductive disorders

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):

SODIUM DICROMATE DIHYDRATE - Inhalation - Causes damage to organs through prolonged or repeated exposure.

May be Fatal if Swallowed and Enters Airways
Toxic if Inhaled
Harmful if in contact with skin
Causes serious eye irritation
May cause an allergic skin reaction
May cause cancer
May damage the unborn child
May cause damage to organs through prolonged or repeated exposure

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

Acute Toxicity Estimates: No Data Available for the Mixture Itself

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.

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

<table>
<thead>
<tr>
<th>DOT: § 172.101 HAZARDOUS MATERIALS TABLE</th>
<th>IATA:</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number: 1845</td>
<td>UN Number: 1845</td>
</tr>
<tr>
<td>Proper Shipping Name: Carbon Dioxide Solid (Dry Ice)</td>
<td>Proper Shipping Name: Carbon Dioxide Solid (Dry Ice)</td>
</tr>
<tr>
<td>Labels: Carbon Dioxide Solid (Dry Ice)</td>
<td>Labels: Carbon Dioxide Solid (Dry Ice)</td>
</tr>
<tr>
<td>Hazard Class: 9 Subclass: NO</td>
<td>Hazard Class: 9 Subclass: NO</td>
</tr>
<tr>
<td>Packaging Group: III</td>
<td>Packaging Group: III</td>
</tr>
<tr>
<td>Passenger Air Packing Instruction: 355</td>
<td>Passenger Air Packing Instruction: 355</td>
</tr>
<tr>
<td>Passenger aircraft: 60 Liter (16 gallon)</td>
<td>Cargo aircraft: 60 Liter (16 gallon)</td>
</tr>
<tr>
<td>Cargo Air Packing Instruction: 366</td>
<td>Cargo aircraft only: 220 Liter (58 gallon)</td>
</tr>
<tr>
<td>Cargo aircraft only: 220 Liter (58 gallon)</td>
<td></td>
</tr>
</tbody>
</table>

**Hazard Class: 9 Subclass: NO**

Packaging Group: III
Limited Quantity: Passenger aircraft: 10 Liter (2.64 Gallons)
Cargo aircraft only: 220 Liter (58 gallon)
Vessel stowage: A
ERG: 128
NMFC 4620 sub.5-CL.60
Schedule B #: 3506.91.0000

**IMDG:**

UN Number: 1845
Proper Shipping Name: Carbon Dioxide Solid (Dry Ice)
Label: Carbon Dioxide Solid (Dry Ice)
Hazard Class: 9 Subclass: NO
Packaging Group: III
EMS No: F, E – S, D

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.

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15. REGULATORY INFORMATION

SARA 311/312
Classification: Immediate (acute) health hazard
               Delayed (chronic) health hazard

Composition of Ingredients:

Sodium Dichromate Dihydrate: Reactivity Hazard
                                Acute Health Hazard
                                Chronic Health Hazard

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

Carbon Black: Fire Hazard
              Delayed (chronic) health hazard

Terphenyl: Immediate (acute) health hazard

US Regulations Federal
chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 (SARA)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight %</th>
<th>Threshold limit (Reporting Value)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Dichromate Dihydrate</td>
<td>7789-12-0</td>
<td>&lt;10%</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

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

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus.

MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

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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):
Sodium Dichromate Dihydrate Cas# 7789-12-0

Section 16 Other Information

| HEALTH | 3 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |

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

Vapors are heavier than air and will collect at low points. Dry ice releases Carbon Dioxide and poses serious suffocation hazard. In confined areas or areas without proper ventilation wear self contained breathing apparatus. MAY CAUSE CRYOGENIC BURNS OR OTHER INJURY

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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