

# Safety Data Sheet



## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | CPS 200SQFT 4700FlorCladSD-A-Black   | <b>Revision Date:</b>   | 10/23/2015   |
| <b>Product Identifier:</b>  | 236848   | <b>Supersedes Date:</b> | New SDS  |
| <b>Product Use/Class:</b>   | Epoxy Mortar Floor Topping/ Part A<br>Epoxy                                    |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| <b>Preparer:</b>            | Regulatory Department  |                         |  |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700  |                         |  |

## 2. Hazard Identification

### Classification

### Symbol(s) of Product



### Signal Word

Warning

### GHS HAZARD STATEMENTS

|  |      |                                      |
|--|------|--------------------------------------|
| Skin Irritation, category 2            | H315 | Causes skin irritation.              |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction. |
| Eye Irritation, category 2             | H319 | Causes serious eye irritation.       |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation.    |

### GHS LABEL PRECAUTIONARY STATEMENTS

|                |  |
|----------------|--|
| P261           | Avoid breathing dust, fumes, gases, mists, vapors, or spray.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312           | Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.   |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P362           | Take off contaminated clothing.  |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |

### GHS SDS PRECAUTIONARY STATEMENTS

|      |  |
|------|--|
| P363 | Wash contaminated clothing before reuse. |
|------|--|

### 3. Composition/Information On Ingredients

#### HAZARDOUS SUBSTANCES

| <u>Chemical Name</u>              | <u>CAS-No.</u> | <u>Wt.%<br/>Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|-----------------------------------|----------------|-----------------------|--------------------|-----------------------|
| Epichlorohydrin-bisphenol A resin | 25068-38-6     | 50-75                 | GHS07              | H315-317-319-335      |
| Alkyl Glycidyl Ether              | 68609-97-2     | 10-25                 | GHS07              | H315-317              |
| Carbon Black                      | 1333-86-4      | 2.5-10                | No Information     | No Information        |
| Propylene Glycol Monomethyl Ether | 107-98-2       | 2.5-10                | GHS02-GHS07        | H226-332-336          |
| Xylene                            | 1330-20-7      | 2.5-10                | GHS07-GHS08        | H304-332-361-373      |
| Ethylbenzene                      | 100-41-4       | 0.1-1.0               | GHS02-GHS07-GHS08  | H225-304-332-373      |

### 4. First-aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** If swallowed, rinse mouth with water. If feeling unwell, get medical attention. Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

### 5. Fire-fighting Measures

**EXTINGUISHING MEDIA:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. Combustible liquid and vapor. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Water may be used to cool closed containers to prevent buildup of steam. Full protective equipment including self-contained breathing apparatus should be used. If water is used, fog nozzles are preferred. Evacuate area and fight fire from a safe distance.

### 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

### 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only in a well-ventilated area. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin and clothing.

**STORAGE:** Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids.

## 8. Exposure Controls/Personal Protection

| Chemical Name                     | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|-----------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Epichlorohydrin-bisphenol A resin | 25068-38-6 | 70.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Alkyl Glycidyl Ether              | 68609-97-2 | 20.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Carbon Black                      | 1333-86-4  | 10.0                  | 3 mg/m3           | N.E.               | 3.5 mg/m3    | N.E.                 |
| Propylene Glycol Monomethyl Ether | 107-98-2   | 5.0                   | 50 ppm            | 100 ppm            | N.E.         | N.E.                 |
| Xylene                            | 1330-20-7  | 5.0                   | 100 ppm           | 150 ppm            | 100 ppm      | N.E.                 |
| Ethylbenzene                      | 100-41-4   | 1.0                   | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |

### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications. Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

## 9. Physical and Chemical Properties

|                                 |                             |  |            |
|---------------------------------|-----------------------------|--|------------|
| <b>Appearance:</b>              | Liquid                      | <b>Physical State:</b>                         | Liquid     |
| <b>Odor:</b>                    | Solvent Like                | <b>Odor Threshold:</b>                         | N.E.       |
| <b>Relative Density:</b>        | 1.104                       | <b>pH:</b>                                     | N.A.       |
| <b>Freeze Point, °C:</b>        | N.D.                        | <b>Viscosity:</b>                              | N.D.       |
| <b>Solubility in Water:</b>     | Slight                      | <b>Partition Coefficient, n-octanol/water:</b> | N.D.       |
| <b>Decomposition Temp., °C:</b> | N.D.                        | <b>Explosive Limits, vol%:</b>                 | 0.8 - 13.8 |
| <b>Boiling Range, °C:</b>       | -18 - 260                   | <b>Flash Point, °C:</b>                        | 94         |
| <b>Flammability:</b>            | Does not Support Combustion | <b>Auto-ignition Temp., °C:</b>                | N.D.       |
| <b>Evaporation Rate:</b>        | Slower than Ether           | <b>Vapor Pressure:</b>                         | N.D.       |
| <b>Vapor Density:</b>           | Heavier than Air            |  |            |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**CONDITIONS TO AVOID:** Avoid temperatures above 120°F (49°C). Avoid contact with strong acid and strong bases.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalis. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

**HAZARDOUS DECOMPOSITION:** When heated to decomposition, it emits acrid smoke and irritating fumes.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

## 11. Toxicological information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Irritating, and may injure eye tissue if not removed promptly. Substance causes severe eye irritation. Injury may be permanent.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Low hazard for usual industrial handling or commercial handling by trained personnel.

**EFFECTS OF OVEREXPOSURE - INHALATION:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Substance may be harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B).

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

### ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| CAS-No.    | Chemical Name                     | Oral LD50       | Dermal LD50        | Vapor LC50     |
|------------|-----------------------------------|-----------------|--------------------|----------------|
| 25068-38-6 | Epichlorohydrin-bisphenol A resin | 15000 mg/kg Rat | >5000              | 25 g/L         |
| 68609-97-2 | Alkyl Glycidyl Ether              | 17100 mg/kg Rat | N.I.               | N.I.           |
| 107-98-2   | Propylene Glycol Monomethyl Ether | 5000 mg/kg Rat  | 13000 mg/kg Rabbit | 25             |
| 1330-20-7  | Xylene                            | 3500 mg/kg Rat  | >4350 mg/kg Rabbit | 29.08 mg/L Rat |
| 100-41-4   | Ethylbenzene                      | 3500 mg/kg Rat  | 15400 mg/kg Rabbit | 17.2 mg/L Rat  |

N.I. - No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components. Product is a mixture of listed components.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

## 14. Transport Information

|                       | Domestic (USDOT) | International (IMDG) | Air (IATA)    | TDG (Canada)  |
|-----------------------|------------------|----------------------|---------------|---------------|
| UN Number:            | N.A.             | N.A.                 | N.A.          | N.A.          |
| Proper Shipping Name: | Not Regulated    | Not Regulated        | Not Regulated | Not Regulated |
| Hazard Class:         | N.A.             | N.A.                 | N.A.          | N.A.          |
| Packing Group:        | N.A.             | N.A.                 | N.A.          | N.A.          |
| Limited Quantity:     | No               | No                   | No            | No            |

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**Sara Section 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| Xylene               | 1330-20-7      |
| Ethylbenzene         | 100-41-4       |

**Toxic Substances Control Act:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

**16. Other Information****HMIS RATINGS**

Health: 2\*      Flammability: 1      Physical Hazard: 0      Personal Protection: X

**NFPA RATINGS**

Health: 2      Flammability: 1      Instability: 1

VOLATILE ORGANIC COMPOUNDS, g/L: 84

SDS REVISION DATE: 10/23/2015

**REASON FOR REVISION:**

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

Rust-Oleum Corporation believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Corporation makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.