SAFETY DATA SHEET

SECTION 1 - Product & Company Identification

Product Name: S/B HS LV Gray Epoxy DTM Coating Product Code: RCT 04 1052 EP

Rapid Cure Technologies Emergency Phone (Day)
7030 Fly Road M-F 8a-4p EST: 1-888-847-3610

East Syracuse, NY 13057

1-888-847-3610

Emergency Phone (Night)

All other Hours: 1-800-424-9300 Chemtrec

Product Use: Epoxy Coating

Not recommended for: Residential Use

SECTION 2 - Hazards Identification

GHS Ratings:

Flammable liquid 2 Flash point < 23°C and initial boiling point > 35°C (95°F)

Skin corrosive 2 Reversible adverse effects in dermal tissue, Draize score: >=

2.3 < 4.0 or persistent inflammation

Eye corrosive 2A Eye irritant: Subcategory 2A, Reversible in 21 days

Skin sensitizer 1 Skin sensitizer

GHS Hazards

H225 Highly flammable liquid and vapour

H315 Causes skin irritation

H317 May cause an allergic skin reaction
H319 Causes serious eye irritation

GHS Precautions

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical/ventilating/lighting equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P264 Wash skin thoroughly after handling

P272 Contaminated work clothing should not be allowed out of the workplace P280 Wear protective gloves/protective clothing/eye protection/face protection

P321 Specific treatment (see ... on this label)

P362 Take off contaminated clothing and wash before reuse

P363 Wash contaminated clothing before reuse P302+P352 IF ON SKIN: Wash with soap and water

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse

skin with water/shower

P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact

lenses if present and easy to do - continue rinsing

P332+P313 If skin irritation occurs: Get medical advice/attention

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention

P337+P313 If eye irritation persists, get medical advice/attention

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P370+P378 In case of fire: Use water spray, carbon dioxide (CO2), dry powder or dry chemical

foam for extinction

P403+P235 Store in a well ventilated place. Keep cool

P501 Dispose of contents/container in accordance with all local, jurisdictional, national and

international regulations.

Signal Word: Danger



SECTION 3 - Composition / Information on Ingredients

| Chemical Name | CAS number | Weight Concentration % |
|--------------------------------------------------|-------------|------------------------|
| Bisphenol A epoxy resin | 25068-38-6 | 20.00% - 30.00% |
| Bisphenol A/Bisphenol A diglycidyl ether polymer | 25036-25-3 | 20.00% - 30.00% |
| Methyl ethyl ketone | 78-93-3 | 10.00% - 20.00% |
| Calcium carbonate | 1317-65-3 | 10.00% - 20.00% |
| Titanium dioxide | 13463-67-7 | 10.00% - 20.00% |
| Unsaturated long chain ether alcohol | 232268-65-4 | 10.00% - 20.00% |
| Pigment Yellow 42 | 51274-00-1 | 1.00% - 5.00% |

SECTION 4 - First Aid Measures

INHALATION: Move subject to fresh air and keep warm. If subject is not breathing, administer artificial respiration. If breathing is difficult, have qualified personnel administer oxygen and get medical attention.

EYE CONTACT: Flush the eye and under the lids with warm water for 15 minutes. Remove any contact lenses during the flushing. Get immediate medical attention if symptoms persist.

SKIN CONTACT: Remove and isolate contaminated clothing and shoes. Remove excess material from skin with clean cloth. Flush skin with running lukewarm water. Wash affected area using mild soap.

INGESTION: If appreciatble quantities are swallowed, seek immediate medical attention.

SECTION 5 - Firefighting Measures

Flash Point: -1 C (30 F)

LEL: 2.0% UEL: 12.0%

EXTINGUISHING MEDIA: Water spray, dry powder, carbon dioxide (CO2) or dry chemical foam. Do not use a solid water stream as it may scatter and spread fire.

ADVICE FOR FIREFIGHTERS: Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along the ground and collect in confined or low areas. Vapors may travel to source of ignition and flash back. As in any fire wear a self-contained breathing apparatus and full protective gear. Do not enter a fire area without proper protective equipment.

SECTION 6 - Accidental Release Measures

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SPILL PROCEDURES: Remove all sources of ignition and ventilate area. Avoid skin and eye contact. Use respiratory protection. Absorb with inert materials such as dry clay or sand and place in a closed container for disposal as solid waste in accordance with applicable regulations.

ENVIRONMENTAL PRECAUTIONS: Do not empty into drains. Do not discharge into drains/surface water/groundwater.

SECTION 7 - Handling and Storage

HANDLING: Keep away from open flames, sources of ignition and hot surfaces. Avoid conditions that could lead to static discharge. Ground all metal parts/containers. Avoid any unnecessary contact. Do not breathe vapors, spray or mist. Use protective clothing specified in Section 8.

STORAGE: Store away from heat and sunglight to prevent polymerization. Keep away from open flames, ignition sources and hot surfaces. Polymerization initiators include peroxides, strong oxidizers, strong acids & strong bases.

| SECTION 8 - Exposure Controls / Personal Protection | | | | | | |
|-------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------|--|--|--|
| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits | | | |
| Bisphenol A epoxy resin 25068-38-6 | Not Established | Not Established | Not Established | | | |
| Bisphenol A/Bisphenol A diglycidyl ether polymer 25036-25-3 | Not Established | Not Established | Not Established | | | |
| Methyl ethyl ketone 78-93-3 | PEL 200ppm, 590mg/m3 | TLV (8-hour) 200ppm, 590mg/m3 STEL 300ppm, 885mg/m3 | Not Established | | | |
| Calcium carbonate 1317-65-3 | Not Established | Not Established | Not Established | | | |
| Titanium dioxide 13463-67-7 | PEL: 15mg/m3 8 hr. TWA Total Dust | 10mg/m3 TWA | Not Established | | | |
| Unsaturated long chain ether alcohol 232268-65-4 | Not Established | Not Established | Not Established | | | |
| Pigment Yellow 42 | Not Established | Not Established | Not Established | | | |

ENGINEERING CONTROLS: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use explosion proof ventilation equipment and non-sparking tools.

HAND PROTECTION: Use nitrile, butyl, neoprene or other gloves that are resistant to chemicals in Section 3. Replace immediately if punctured, torn or when change of appearance (color, elasticity, shape) occurs.

EYE PROTECTION: Use splash-proof safety goggles, safety glasses or face shields that are ANSI approved to prevent eye contact. Eye wash availability is also recommended.

51274-00-1

SKIN PROTECTION: Protectvive or disposable outer clothing is recommended. Protective clothing must be thoroughly cleaned after each use.

RESPIRATORY PROTECTION: Use local exhaust to control vapors and mists. Use of a NIOSH approved respirator for organic vapors is recommended if TLV is exceeded.

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CONTAMINATED GEAR: Lightly contaminated clothing may be laundered but separately from daily use clothing. Heavily contamined clothing, including shoes and other PPE should be disposed of.

SECTION 9 - Physical and Chemical Properties

Physical State: Liquid

Odor: Ketone

pH: N/A

Boiling Point/Range: N/A Evaporation Rate: N/A

LEL: N/A

Vapor Pressure: N/A

Lbs/Gal: 10.72

Partition Coefficient (n- N/A octanol/water):

Decomposition Temperature: N/A

VOC: 1.82 lbs/gal

Color: Gray

Odor Threshold: N/A

Freezing/Melting Point: N/A

Flash Point: 31°F

Flammability: N/A

UEL: N/A

Vapor Density: N/A

Solubility: N/A

Autoignition Temperature: N/A

Viscosity Stormer: TBD

SECTION 10 - Stability and Reactivity

STABILITY: Product is stable under recommended storage conditions. Refer to Section 7.

STABLE

CONDITIONS TO AVOID: Excessive heat, ignition sources, exposure to direct sunlight and contamination with foreign materials.

None

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile organic compounds, which can be flammable, irritating, corrosive or toxic.

None

Hazardous polymerization will not occur.

SECTION 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 61mg/L

Component Toxicity

78-93-3 Methyl ethyl ketone

Oral LD50: 2,483 mg/kg (Rat)

13463-67-7 Titanium dioxide

Inhalation LC50: 7 mg/L (Rat)

Eye Contact

None

Effects of Overexposure

<u>CAS Number</u> <u>Description</u> <u>% Weight</u> <u>Carcinogen Rating</u>

None None

SECTION 12 - Ecological Information

General Notes - Avoid release to the environment.

Component Ecotoxicity

Titanium dioxide 96 Hr LC50: Pimephales promelas: > 1000 mg/L

72 Hr EC50: Pseudokirchneriella subcapitata: > 100 mg/L

48 Hr EC50: Daphnia magna: > 1000 mg/L

SECTION 13 - Disposal Considerations

Waste from Residues/Unused Products - Dispose of in accordance with local regulations.

Contaminated Packaging - Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 - Transportation Information

Disclaimer - Any given paint product can be shipped in different size containers, ranging from a pint can to bulk tanks. The shipping regulations in the United States vary depending on container size. The Basic Description given below are for shipments in fully regulated, non-bulk containers, where the UN ID Number, Proper Shipping Name, (technical names, if any), Packing Groups & Hazard Class (subsidiary risks, if any) are given. This section does not cover packaging exceptions, such as smaller quantities that can be shipping in combination packaging i.e. Limitied Quantities or Consumer Commodities with or without basic descriptions or shipping papers. Not covered are exceptions given for products that do not sustain combustion and are exempted from regulation under certain modes of transportation. Products containing Reportable Quantities (RQ's) of hazardous substances when shipped in bulk, but not reportable when shipped in non-bulk packaging are not covered either. All subsequent shipping of this product must be done by properly trained and certified employees under the specific competent authority's regulations.

| Agency | Proper Shipping Name | UN Number | Packing Group | Hazard Class |
|---------------|----------------------|-----------|---------------|---------------------|
| DOT | PAINT | UN1263 | II | 3 |
| IATA | PAINT | UN1263 | II | 3 |
| IMDG | PAINT | UN1263 | II | 3 |

SECTION 15 - Regulatory Information

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material. The following items are reportable under SARA 313:

None

This product contains the following chemicals which are listed by the state of California as carcinogenic or a reproductive toxin:

None

 Country
 Regulation
 All Components Listed

 USA
 TSCA
 Yes

 Canada
 DSL
 No

EU Risk Phrases

Safety Phrase

None

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SECTION 16 - Other Information

DISCLAIMER: To the best of our knowledge, the product information contained herein is based upon data believed to be reliable, however makes no warranty and disclaims any liability whatsoever for its accuracy or completeness. Since the actual use of this product is beyond our control, no guarantee expressed or implied, is made by Rapid Cure Technologies, Inc. as to the effects of such uses nor does Rapid Cure Technologies, Inc. assume liability arising out of the use of this product by others. It remains the responsibility of the user to ensure that the product herein is in accordance with all applicable laws and regulations.

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