

Material Safety Data Sheet

STONHARD**1. Identification**

Manufacturer: STONHARD, DIVISION OF STONCOR GROUP, INC
Mailing Address: 1000 EAST PARK AVENUE
 MAPLE SHADE, NJ 08052
Customer Information: (856) 779-7500
24 Hour Emergency Telephone: CHEMTREC: 1-800-424-9300
 Outside U.S. (703) 527-3887

Product Name: STONKOTE GS4-HT4 PART B
Product Code: 6000B0
Preparer: Darnell, Benjamin
Revision Date: 3/22/2013
Supersedes Date: 10/11/2012

2. Hazard Identification

General Advice : Harmful to aquatic organisms. Prolonged or repeated exposure increases the risk. May cause sensitization by skin contact. Irritating to skin.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: MAY CAUSE SLIGHT TRANSIENT EYE IRRITATION. CORNEAL INJURY IS UNLIKELY.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: PROLONGED EXPOSURE NOT LIKELY TO CAUSE SIGNIFICANT SKIN IRRITATION. REPEATED EXPOSURE MAY CAUSE IRRITATION. HAS CAUSED ALLERGIC SKIN REACTIONS IN HUMANS.

EFFECTS OF OVEREXPOSURE - INHALATION: SINGLE DOSE ORAL TOXICITY IS EXTREMELY LOW. NO HAZARDS ANTICIPATED FROM SWALLOWING SMALL AMOUNTS DURING HANDLING.

EFFECTS OF OVEREXPOSURE - INGESTION: VAPORS ARE UNLIKELY DUE TO PHYSICAL PROPERTIES.

EFFECTS OF OVEREXPOSURE - SYSTEMIC: EXCEPT FOR SKIN SENSITIZATION, REPEATED EXPOSURES ARE NOT ANTICIPATED TO CAUSE ANY SIGNIFICANT ADVERSE EFFECTS.

* This product contains the following chemicals classified by the International Agency for Research on Cancer (IARC) as 1, 2A, or 2B carcinogens:

<u>Chemical Name</u>	<u>CAS-No.</u>
talc	14807-96-6
titanium dioxide	13463-67-7
carbon black	1333-86-4

3. Composition/Information On Ingredients

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Weight % Range</u>	<u>OSHAPEL</u>	<u>ACGIHTLV</u>
25068-38-6	reaction product: bisphenol-a-(epichlorhydrin) epoxy resin	40-70		
13463-67-7	titanium dioxide	5-10	15.0 MG/M3	10.0 MG/M3
9003-36-5	formaldehyde, oligomeric reaction product, 1-chloro-2,3-epoxypropane and phenol	5-10		
100-51-6	benzyl alcohol	1-5		
131298-44-7	isodecyl benzoate	1-5		
1333-86-4	carbon black	0.1-1.0	3.5 MG/M3	3.5 MG/M3

4. First-aid Measures

After Eye Contact: Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

After Skin Contact: If skin irritation persists, call a physician. Use a mild soap if available. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

After Inhalation: Move to fresh air. Consult a physician after significant exposure.

After Ingestion: Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Do NOT induce vomiting.

5. Fire-fighting Measures

Flash Point, °F	199.4	Lower Explosive Limit, %:	Not determined
Flash Point Method:	CC Estimated	Upper Explosive Limit, %:	Not determined

Suitable Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Hazardous Combustion Products: No Information

FIRE FIGHTING INSTRUCTIONS: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Keep containers and surroundings cool with water spray.

Special Firefighting Protection Equipment: High volume water jet Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. In the event of fire, wear self-contained breathing apparatus. Contains epoxy constituents. See information supplied by the manufacturer.

Other information: No Information

6. Accidental Release Measures

Personal Safety Measures/Environmental Measures/Method of Cleaning/Containment: Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Prevent product from entering drains. Ensure adequate ventilation. Do not allow material to contaminate ground water system.

7. Handling and Storage

Instructions for Safe Handling: Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation.

Storage Conditions: Keep locked up or in an area accessible only to qualified or authorised persons. Store in original container. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing.

RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required.

Hand Protection: Rubber or plastic gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Rubber or plastic apron Remove and wash contaminated clothing before re-use. Long sleeved clothing.

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: No Information

9. Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Not determined
Odor:	FAINT EPOXY ODOR
Vapor Pressure:	NIL
Vapor Density:	HEAVIER THAN AIR
Boiling Range:	N.D. - N.D.
Solubility in Water:	NEGLIGIBLE

Specific Gravity: 1.329
Viscosity: 22000 cps
pH: NON-AQUEOUS

(See section 16 for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable Stable under normal conditions. No decomposition if stored and applied as directed.

CONDITIONS TO AVOID: Extremes of temperature and direct sunlight.

Materials to Avoid: Acids and bases Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Alcohols Exothermic reaction Thermal decomposition can lead to release of irritating gases and vapours. Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

HAZARDOUS POLYMERIZATION: Hazardous polymerisation does not occur.

Notes: Hazardous decomposition products formed under fire conditions.

11. Toxicological Information

Product LD50: No Information

Product LC50: No Information

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50</u>	<u>LC50</u>
25068-38-6	reaction product: bisphenol-a-(epichlorhydrin) epoxy resin	5000 mg/kg, rat, oral	
13463-67-7	titanium dioxide	10000 mg/m ³ , oral (rat)	
9003-36-5	formaldehyde, oligomeric reaction product, 1-chloro-2,3-epoxypropane and phenol		
100-51-6	benzyl alcohol	1230 mg/kg rat, oral	1000 ppm / 8 hrs rat, inhalation
131298-44-7	isodecyl benzoate		
1333-86-4	carbon black	>15400 mg/kg oral, rat	

12. Ecological Information

Elimination Information: No Information

Environmental Considerations: No Information

Ecotoxic Effects: No Information

13. Disposal Information

Waste treatment methods: Dispose of wastes in an approved waste disposal facility. If recycling is not practicable, dispose of in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

DOT Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.
DOT Technical Name: Diglycidyl ether of bisphenol A
DOT Hazard Class: 9
Hazard SubClass: NONE
DOT UN/NA Number: UN3082
Packing group: III
Resp. Guide Page: 171

15. Hazards Identification

U.S. Federal Regulations: As follows -

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:

None Known

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:

No Sara 313 components exist in this product.

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 components exist in this product.

U.S. Clean Air Act:

EPA Coating Category: Industrial Maintenance Coating
EPA VOC Content Limit (g/l): 450
Product VOC Content (g/l) 53
Thinning Recommendations: NONE
Application Recommendations: For professional use only.

* As per the federal EPA definition for coating categories in 40 CFR 59.401.

** Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 Method E.

U.S. State Regulations: As follows -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
talc	14807-96-6

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
talc	14807-96-6

CALIFORNIA PROPOSITION 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
titanium dioxide	13463-67-7
carbon black	1333-86-4

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

International Regulations: As follows -**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

*** CANADIAN DSL:**

All chemical ingredients included on inventory

16. Other Information

When using, do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.

HMSIS Ratings:

Health: 2 **Flammability:** 1 **Reactivity:** 1 **Personal Protection:** C

REASON FOR REVISION:

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

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any patent or in violation of any law or regulation. It is the user's responsibility to determine for himself the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with the respect to the use of any material supplied by us.