

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: STONCLAD GS AMINE
Product Code: 01736/A
Preparer: Darnell, Benjamin
Revision Date: 12/23/2013
Supersedes Date: 6/3/2013

2. Hazard Identification

GENERAL ADVICE: Irritating to eyes and respiratory system. Harmful in contact with skin and if swallowed. Causes severe burns. May cause long-term adverse effects in the aquatic environment.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: CORROSIVE TO THE EYES AND MAY CAUSE SEVERE DAMAGE INCLUDING BLINDNESS. VAPORS MAY BE IRRITATING.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: CORROSIVE TO THE SKIN. MAY CAUSE SKIN SENSITIZATION.

EFFECTS OF OVEREXPOSURE - INHALATION: CORROSIVE AND MAY CAUSE SEVERE AND PERMANENT DAMAGE TO MOUTH, THROAT & STOMACH. MAY BE MODERATELY TOXIC.

EFFECTS OF OVEREXPOSURE - INGESTION: VAPORS/MIST MAY BE CORROSIVE TO UPPER RESPIRATORY TRACT. MAY CAUSE RESPIRATORY TRACT SENSITIZATION.

EFFECTS OF OVEREXPOSURE - SYSTEMIC: MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION BY INHALATION OR INGESTION.

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

No IARC components exist in this product.

3. Composition/Information On Ingredients

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Weight % Range</u>	<u>OSHAPEL</u>	<u>ACGIHTLV</u>
111-40-0	diethylenetriamine	30-60	1.0 PPM	1.0 PPM
80-05-7	4,4'-isopropylidenediphenol	15-40		
31326-29-1	4,4' - isopropylidenediphenol oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with diethylenetriamine	10-30		

4. First-aid Measures

AFTER EYE CONTACT: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses.

AFTER SKIN CONTACT: 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: Gently wipe or rinse the inside of the mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

Flash Point, °F	228.2	Lower Explosive Limit, %:	Not Determined
Flash Point Method:	PENSKY-MARTENS CLOSED CUP	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: In the event of fire, wear self-contained breathing apparatus. High volume water jet. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

OTHER INFORMATION: No Information

6. Accidental Release Measures

METHOD OF CLEANING/CONTAINMENT: 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).

7. Handling and Storage

INSTRUCTIONS FOR SAFE HANDLING: Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Do not breathe vapours or spray mist.

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

8. Exposure Controls/Personal Protection

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

RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required.

HAND PROTECTION: Rubber or plastic gloves. Long sleeved clothing. Remove and wash contaminated clothing before re-use. Rubber or plastic apron

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: No Information

9. Physical and Chemical Properties

Physical State:	LIQUID
Appearance:	Clear / colorless
Odor:	Ammonical
Vapor Pressure:	7.8 mmHg @ 21C
Vapor Density:	Not determined
Boiling Range:	N.D. - N.D.
Solubility in Water:	Insoluble
Specific Gravity:	1.030
Viscosity:	400 CPS
pH:	Alkaline

(See section 16 for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Direct sources of heat.

MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

HAZARDOUS POLYMERIZATION: Hazardous polymerisation may 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>
111-40-0	diethylenetriamine	1080 mg/kg, oral, rat	10 mg/L / 1 hour, inh, rat
80-05-7	4,4'-isopropylidenediphenol	5000 mg/kg, oral, rat	
31326-29-1	4,4' - isopropylidenediphenol oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with diethylenetriamine	540 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: 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: POLYAMINES, LIQUID, CORROSIVE, n.o.s.
DOT Technical Name: (CONTAINS DIETHYLENETRIAMINE, AMINOETHYLPIPERAZINE)
DOT Hazard Class: 8
Hazard SubClass: N/A
DOT UN/NA Number: UN2735
Packing Group: III
Resp. Guide Page: 153

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:

Acute 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>
diethylenetriamine	111-40-0
4,4'-isopropylidenediphenol	80-05-7

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)	4
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.

No NJ Right-To-Know components exist in this product.

Pennsylvania Right-To-Know

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

No PA Right-To-Know components exist in this product.

California Proposition 65:

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

No Proposition 65 Carcinogens exist in this product.

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

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

HMIS RATINGS:

Health: 3 **Flammability:** 1 **Reactivity:** 0 **Personal Protection:** H

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.