

MATERIAL SAFETY DATA SHEET

Gougeon Brothers, Inc.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: G5 Adhesive - Part B.

PRODUCT CODE: 865

CHEMICAL FAMILY: Mercaptan.

CHEMICAL NAME: Mercaptan polymer.

FORMULA: Not applicable.

MANUFACTURER:

Gougeon Brothers, Inc.
100 Patterson Avenue
Bay City, MI 48706, U.S.A.
Phone: 517-684-7286

EMERGENCY TELEPHONE NUMBERS:

Transportation
CHEMTREC:800-424-9300
Non-transportation
Poison Hotline:313-745-5711

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS#</u>	<u>CONCENTRATION</u>
Tris (dimethylaminomethyl) phenol	90-72-2	< 20%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMS Hazard Rating: **Health - 2** **Flammability - 1** **Reactivity - 1**

WARNING. Moderate skin and respiratory irritant. Can be corrosive to eye tissue. Harmful if swallowed. Amber colored liquid with mercaptan odor and high viscosity.

PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin contact, eye contact.

POTENTIAL HEALTH EFFECTS:

ACUTE INHALATION: Can cause irritation to the respiratory tract when exposed to high concentrations of vapor.

CHRONIC INHALATION: Overexposure to fumes and vapors may cause delayed lung damage and chemical pneumonia.

ACUTE SKIN CONTACT: Slightly irritating. May be more severe with prolonged contact.

CHRONIC SKIN CONTACT: Prolonged irritation or rash. Possible corrosion skin tissue.

EYE CONTACT:..... Can be corrosive to eye tissue leading to permanent damage.

INGESTION: Slightly toxic. May cause gastrointestinal irritation.

SYMPTOMS OF OVEREXPOSURE: Respiratory tract irritation. Skin irritation. Severe eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Existing skin, eye and lung conditions such as that resulting from allergies.

4. FIRST AID MEASURES:

FIRST AID FOR EYES: Immediately flush with water for at least 15 minutes. Get prompt medical attention.

FIRST AID FOR SKIN:..... Remove contaminated clothing. Wipe excess off skin. Wash affected area with soap and water. Get medical attention should irritation develop.

FIRST AID FOR INHALATION: Move to fresh air if effects occur.

FIRST AID FOR INGESTION: Give conscious person at least 2 glasses of water. Do not induce vomiting. If vomiting should occur spontaneously, keep airway clear. Get medical attention.

5. FIRE FIGHTING MEASURES:

FLASH POINT: 495°F (COC)

EXTINGUISHING MEDIA: Water spray, dry chemical, alcohol foam and carbond dioxide (CO₂).

SPECIAL FIRE FIGHTING PROCEDURES: Burning material will generate toxic fumes. Use full-body protective gear and a self-contained breathing apparatus. If spill has ignited, use water spray to disperse vapors and protect personnel attempting to stop leak. Use water to cool fire-exposed containers.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES:..... Stop leak without additional risk. Wear proper personal protective equipment. Dike and contain spill. Ventilate area. Absorb with inert absorbent material and remove to disposal container. Wash spill residue with warm, soapy water if necessary.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE (MIN./MAX): 40°F (4°C) / 90°F (32°C)

SHELF LIFE:..... Two years or more in original sealed container.

STORAGE:..... Store in cool, dry place. Keep containers tightly closed.

HANDLING PRECAUTIONS: Use only with adequate ventilation. Do not breath vapors or mists from heated product. Avoid contact with skin and eyes. Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EYE PROTECTION GUIDELINES: Chemical splash goggles or full-face shield.

SKIN PROTECTION GUIDELINES: Wear liquid-proof, chemical resistant gloves (nitrile-butyl rubber, neoprene, butyl rubber or natural rubber) and full body-covering clothing.

RESPIRATORY/VENTILATION GUIDELINES:

General mechanical or local exhaust ventilation. In the absence of adequate ventilation controls, use a NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge.

ADDITIONAL PROTECTIVE MEASURES:..... Use where there is immediate access to safety shower and emergency eye wash. Provide proper wash/cleanup facilities for proper hygiene.

OCCUPATIONAL EXPOSURE LIMITS: Not established for product as whole. Refer to OSHA's Permissible Exposure Level (PEL) or the ACGIH Guidelines for information on specific ingredients.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM Viscous liquid.
COLOR..... Light yellow to amber.
ODOR Mercaptan odor.
BOILING POINT No data.
MELTING POINT/FREEZE POINT No data.
pH 3-5
SOLUBILITY IN WATER Slight.
SPECIFIC GRAVITY 1.14
BULK DENSITY 9.5 pounds/gallon.
VAPOR PRESSURE No data.
VAPOR DENSITY No data.
% VOLATILE BY WEIGHT 1.52%

10. REACTIVITY:

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES:..... Avoid contact with strong oxidants. Contact with large masses of epoxy resin generates large quantities of heat due to exothermic reaction.

DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, hydrogen sulfide, oxides of nitrogen, and oxides of sulfur.

11. TOXICOLOGICAL INFORMATION:

No specific oral, inhalation or dermal toxicology data is known for this product.

Oral: Slightly toxic.

Inhalation: No data.

Dermal: Slightly toxic.

CARCINOGENICITY:

NTP No.

IARC No.

OSHA No.

This product contains no known carcinogens in concentrations greater than 0.1%.

12. ECOLOGICAL INFORMATION:

No specific data. Wastes from this product may present long term environmental hazards. Do not allow into sewers, on the ground or in any body of water.

13. DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL METHOD: Disposal in an approved chemical waste landfill or incineration may be preferred methods when conducted in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION:

D.O.T. SHIPPING NAME: Not regulated by DOT.

TECHNICAL SHIPPING NAME: Not applicable.

D.O.T. HAZARD CLASS: Not applicable.

U.N./N.A. NUMBER: Not applicable.

PACKING GROUP: Not applicable.

15. REGULATORY INFORMATION:

OSHA STATUS: Irritant.

TSCA STATUS: All components are listed on TSCA inventory.

SARA TITLE III:

SECTION 313 TOXIC CHEMICALS None.

STATE REGULATORY INFORMATION:

The following chemicals are specifically listed or otherwise regulated by individual states. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME**/CAS NUMBER****CONCENTRATION****STATE CODE**

None known.

16. OTHER INFORMATION:

REASON FOR ISSUE: Information update in Section 2, 15 and 16.
PREPARED BY:..... T. J. Atkinson
APPROVED BY: G. M. House
TITLE: Health, Safety & Environmental Manager
APPROVAL DATE: January 5, 2001
SUPERSEDES DATE: January 3, 1998
MSDS NUMBER: 865B-01a

Note: The Hazardous Material Indexing System (HMIS), cited in the Emergency Overview of Section 3, uses the following index to assess hazard rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; and 4 = Severe.

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