

MATERIAL SAFETY DATA SHEET

1. COMPANY IDENTIFICATION

Product Name: Brofix Steel
Product Number: FG600451055-24
Supplier's Name: Brodi Specialty Products Ltd.
Supplier's Address: 250 Cochrane Drive, Unit 9, Markham, ON, L3R 8E5
Prepared By: MSDS Co-ordinator, (877) 744-0751 ext 205, Brodi Specialty Products Ltd

Date Prepared: January 1st, 2009
Emergency Phone: 1- (800) 424-9300
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
Diglycidyl Ether of Bisphenol A	25036-25-3	7% to 13%
INGESTION LD(50): >5000 mg/kg		
SKIN LD(50): 20000 mg/kg (rabbit)		
Diglycidyl Ether of Bisphenol A	25085-99-8	5% to 10%
INGESTION LD(50): >5000 mg/kg (rat)		
SKIN ABSORPTION: 20000 mg/kg (rabbit)		
2,4,6-TRIS(DIMETHYLAMINO)METHYL PHENOL	90-72-2	0.5% to 1.5%
SKIN IRRITATION: 8 (scale 0-8) (rabbit)		
ORAL LD(50): 1653 mg/kg (rat)		
INHALATION LC(50): >0.5 mg/L (rat)		
EYE IRRITATION: 110 (scale 0-110) (rabbit)		
DOT CORROSIVITY: neg. (rabbit)		

3. HAZARDS IDENTIFICATION

Potential Health Effects

EYE:

May cause moderate eye irritation.

SKIN:

Has caused allergic skin reactions in humans. A single exposure not likely to cause skin irritation. Prolonged and repeated contact may cause skin irritation with local redness.

INGESTION:

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

INHALATION:

Vapors are unlikely due to physical properties.

CHRONIC (CANCER) INFORMATION:

N/A

TERATOLOGY (BIRTH DEFECT) INFORMATION:

N/A

REPRODUCTION INFORMATION:

N/A

4. FIRST AID MEASURES

EYES:

Flush eyes thoroughly with water for several minutes. If effects occur, consult a physician, preferably an ophthalmologist.

SKIN:

Wash skin with plenty of soap and water.

INGESTION:

No emergency medical treatment necessary.

INHALATION:

N/A

NOTE TO PHYSICIANS:

Consider additional thorough skin wash with mild, non-abrasive soap and plenty of warm water for at least fifteen minutes.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: > 140F Method: N/A

FLAMMABLE LIMITS:

Lower flammable limit: N/A

Upper flammable limit: N/A

AUTOIGNITION TEMPERATURE:

N/A

HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide, carbon monoxide, oxides of nitrogen and sulfur.

EXTINGUISHING MEDIA:

FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER FOG, OTHER

FIREFIGHTING INSTRUCTIONS:

Respiratory equipment should be worn to avoid inhalation of concentrated vapors. Water should not be used except as fog to keep nearby containers cool.

Fire Fighters and others who may be exposed to the products of combustion should be equipped with NIOSH approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILLS:

Dispose of in normal manner in accordance to all applicable state, federal, and local laws. Not a hazardous waste.

7. HANDLING AND STORAGE

HANDLING:

No special precautions needed.

Personal hygiene- Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities.

Professionally launder contaminated clothing before use.

Empty container precautions- Do not reuse empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

STORAGE:

Temperature- Less than 90 F.

Conditions- Store in cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local exhaust: Use to keep exposures below recommendations.

Use if material is heated above 100 F.

RESPIRATORY PROTECTION:

None required in a well-ventilated area.

SKIN PROTECTION:

Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for the specific operation.

EYE PROTECTION:

Safety glasses or goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A

MELTING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

SOLUBILITY IN WATER: Insoluble in water

SPECIFIC GRAVITY: 2.24689

pH: N/A

VOLATILE ORGANIC COMPOUNDS: <0.1%

ODOR: Mercaptan/sulfur

APPEARANCE: Putty

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

This product is stable.

INCOMPATIBILITY:

None.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon dioxide, aldehydes, acids, oxides of sulfur and nitrogen

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE: N/A

SKIN: N/A

INGESTION: N/A

INHALATION: N/A

SUBCHRONIC: N/A

CHRONIC/CARCINOGENICITY: N/A

TERATOLOGY: N/A

REPRODUCTION: N/A

MUTAGENICITY: N/A

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: N/A

CHEMICAL FATE INFORMATION: N/A

13. DISPOSAL CONSIDERATIONS

Incinerate in furnace or bury in landfill in accordance with all applicable regulations.
Not classified as a hazardous waste.

14. TRANSPORT INFORMATION

Not DOT regulated.

15. REGULATORY INFORMATION

WHMIS CLASSIFICATION: D2B. When this product is labeled as a consumer product, it is exempt from WHMIS regulations. (See Section 12(f) of the Hazardous Products Act).

U.S. FEDERAL REGULATIONS: TSCA: All ingredients are TSCA listed.

OSHA: Not OSHA regulated.

CERCLA: SARA HAZARD CATEGORY: Not regulated.

SECTION 313: Not regulated.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: DB2 skin sensitizer.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): N/A

EINECS: EINECS listed.

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65

This product contains the following chemicals known to the state of California to cause cancer or reproductive toxicity
None

The following ingredients are present in this material and are subject to reporting in accordance to the Pennsylvania, New Jersey, and/or Massachusetts Right-to-Know (RTK) laws:

Magnesium Silicate Hydrate (CAS:14807-96-6)

Polyether Polymercaptan (TRADE SECRET)

Iron/Silicon/Titanium Alloy (CAS:7439-89-6)

Sodium Calcium Magnesium Silicate (CAS:65997-17-3)

Nypheline Syenite (CAS:17244-96-5)

16. OTHER INFORMATION

Hazard Ratings

NFPA Ratings: Health: 1 Fire: 0 Physical Data: 0 PPE: B

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects on an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees as the case may be.

DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damage incurred by the use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representation of warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information refers. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.