MSDS GHS Safety Data Sheet
NIC Industries

Electrical Barrier

MSDS Number: Revision Date: 5/14/2012

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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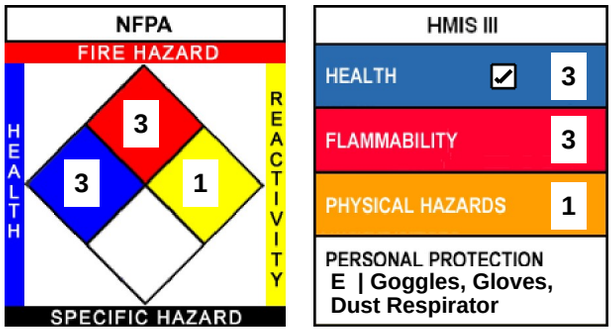
Product Name: Electrical Barrier
Revision Date: 5/14/2012
Version: 1.0
Product Code: C-6010

2 HAZARDS IDENTIFICATION

Route of Entry: Inhalation, Ingestion, Skin Absorption, Eye Contact
Target Organs: Respiratory System, Reproductive System and Pulmonary System.
Inhalation: Toxic by inhalation. May cause irritation of the upper respiratory tract and mucous membranes resulting in dizziness, headaches or unconsciousness. Prolonged or repeated exposure may cause impairment to lung capacity and aggravate existing conditions.
Skin: Causes skin irritation and may cause itching, scaling, drying, redness, swelling, defatting, stinging and minor rashes. Cause burns with redness, pain and swelling.
Eye: Causes severe eye irritation and burns. May produce oil film causing brief reversible dimness of sight. May cause permanent eye damage, tearing, pain and blurred vision.
Ingestion: Toxic by ingestion. Full effects unknown.

NOTE: VOC present as 1-chloro-4 - (trifluoromethyl)-benzene
1-chloro-4 - (trifluoromethyl)-benzene is listed as a VOC-exempt solvent

NFPA: Health = 3, Fire = 3, Reactivity = 1
HMIS III: H*3/F3/PH1



3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
98-56-6	40.6%	Benzene, 1-chloro-4-(trifluoromethyl)-
	33.2%	Proprietary Information
10043-11-5	9.8%	Boron nitride (BN)
1344-28-1	9%	Aluminum oxide (Al2O3)
12069-32-8	2.9%	Boron carbide (B4C)

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If breathing stops, have trained person administer artificial respiration. Seek immediate medical attention.

Skin Contact: Remove contaminated clothing and shoes. Wash thoroughly with soap and water for at least 15 minutes. Wash clothing before reuse. Seek immediate medical attention.

Eye Contact: Immediately flush with water for at least 15 minutes, occassionally lifting eyelids to ensure thorough rinsing. Seek immediate medical attention.

Ingestion: Rinse mouth out and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: Not Available
LEL: Not Available
UEL: Not Available

Extinguishing Media:
Carbon dioxide, dry chemical powder, foam, alcohol foam or water spray.

Fire Fighting Procedures:
Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service, and eliminate sources of ignition. Use water spray to cool containers and avoid pressure build-up. Wear self-contained breathing apparatus and full protectiveclothing.

Combustible liquid - poses a fire hazard when exposed to sources of ignition. May emit toxic fumes and produce "poymer fume fever". Solids in ceramic mixture may produce an explosive mixture if suspended in the atmosphere and exposed to an ignition source. Use proper personal protective equipment.

6 ACCIDENTAL RELEASE MEASURES

Keep all unecessary personnal away, and isolate hazard area. Wear proper personal protective equipment. Do not touch or walk through spilled material. Ensure adequate ventilation and use proper personal protective equipment. Eliminate all sources of ignition. Dike to contain and pump into drums for disposal. Soak up remaining material carefully using sand or vermiculite, sweep up them dispose of properly. Keep material out of water sources, drains or sewers. Dispose containers according to local/state/national regulations. Report spills to all proper authorities.

7 HANDLING AND STORAGE

Handling Precautions: Avoid spilling material and use with adequate ventilation.

Avoid breathing vapors/fumes.
Avoid bodily contact with material.
Wear appropriate personal protective equipment.
Wash thoroughly after handling, avoid contact with eyes.
No eating, drinking or smoking near areas where substance is handled, processed or stored.
Clean all equipment immediately after using material.
Ground all equipment.

Storage Requirements: Store in cool, dry place designated for combustible liquids.
Keep container closed when not in use.
Keep away from all sources of iginition.
Avoid moisture and static electricity discharges.
Vent periodically if needed to release head pressure.
Label all containers appropriately.
Do not reuse containers.
Do not store near food or drinks.
Avoid excessive aging.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Adequate room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminates below exposure limits. Use of fume hoods or closed booths recommended when product is used in a manner that may generate mist or aerosol.. Assure ACGIH TWA and OSHA PEL limits of 10 mg/m3 and 5 mg/m3 are maintained.

Personal Protective Equip: HMIS PP, E | Goggles, Gloves, Dust Respirator, Industrial Work Clothes

Wear an appropriate, propertly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use.

Emergency shower and eyewash facility should be in close proximity. Completely isolate and thoroughly clean all equipment, piping or vessels with a high flash, non-polar solvent before beginning maintenance or repairs.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Grey Liquid. Grey ceramic when hardened
Physical State: Liquid **Odor:** Slight odor of ammonia

10 STABILITY AND REACTIVITY

Stability: Stable.
Conditions to Avoid: Sources of ignition, and flame/heat (when in liquid form).
Materials to Avoid: Strong bases, strong oxidizing agents, isocyanates, water, mineral acids, molten alkali metals and interhalogen compounds (when in liquid form). In solid form strong acids and bases.
Hazardous Decomposition: May contain carbon monoxide, carbon dioxide, hydrogen chloride gas, hydrogen fluoride, tetrafluoroethylene, hexafluoropropylene, perfluoroisobutylene, carbonyl fluoride and silicon dioxide.
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

NTP Carcinogen: No IARC Monographs: No OSHA Regulated: No

Not known to contain any ingredients recognized as carcinogens by the National Toxicology Program (NTP), the International Agency for Cancer Research (IARC) or the Occupational Safety and Health Administration (OSHA).

No human studies have been conducting on this material. Certain components have shown to cause lethal doses and erythema with signs of necrosis in animals after 1 hour of exposure.

12 ECOLOGICAL INFORMATION

Water hazard class 1 (self-assessment): Slightly hazardous for water.
Avoid release to surface waters and waste treatment systems. This material may be hazardous to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

This product is not regulated by the EPA. It is the waste generator's responsibility to determine if a particular waste is hazardous. Disposal should be made in accordance to federal, state, and local regulations. Dispose of in a licensed facility. Do not discharge into aqueous or other protic waste streams.

14 TRANSPORT INFORMATION

DOT Class: Flammable Liquid (3) #3

US DOT:
- Proper Shipping Name: Chlorobenzotrifluorides
- Hazard Class: 3
- UN Number: 2234
- Packing Group: III

IATA:
- Proper Shipping Name: Chlorobenzotrifluorides
- Hazard Class: 3
- UN Number: 2234
- Packing Group: III
- 309

15 REGULATORY INFORMATION

HCS Classification: Not Regulated
U.S. Federal Regulations: TSCA All components are listed or exempted
SARA 302/304/311/312/313: No products were found (SARA 313: aluminum oxide not in fibrous form)

California Proposition 65:
This product contains very minute trace amounts of a chemical (0.0001%) known to the state of California to cause cancer and birth defects, or other reproductive harm.

Hazard determining components of labeling: Toluene

Canadian DSL Inventory Status: Some components have been listed on the Canadian NDSL.

*Benzene, 1-chloro-4-(trifluoromethyl)- (98566 40.6%) TSCA

*Proprietary Information (33.2%)

*Boron nitride (BN) (10043115 9.8%) TSCA

*Aluminum oxide (Al2O3) (1344281 9%) MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

*Boron carbide (B4C) (12069328 2.9%) TSCA

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REGULATORY KEY DESCRIPTIONS
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TSCA = Toxic Substances Control Act
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level
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16 OTHER INFORMATION

U.S. Federal Regulations:

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you (as it is your legal duty to) make all information in this Material Safety Data Sheet available to all your employees.

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