

MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

FOR CHEMICAL EMERGENCY

Call ChemTrec day/night: 1-800-424-9300

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: INSULATING EXPANDABLE

FOAM SEALANT, 12 OZ./340 g

DATE PREPARED: JUNE 1, 2010

PART NUMBER: 74575

CHROMATE INDUSTRIAL CORPORATION

5250-A Naiman Parkway, Solon, OH 44139 • (888) 567-2206

PRODUCT TYPE: AEROSOL

HMIS RATING (BASED ON AEROSOL CONCENTRATION):
HEALTH: 2 FLAMMABILITY: 2

PROPER SHIPPING NAME: CONSUMER COMMODITY, ORM-D

PHYSICAL HAZARD: 1 PERSONAL PROTECTION: B

0: Minimal; 1: Slight; 2: Moderate; 3: Serious; 4: Extreme

SECTION 2 — INGREDIENTS

| CHEMICAL NAME | CAS# | %WT | 313/Chem | Skin | Carcinogen | PEL | TLV-TWA |
|--------------------------------------|--------------|----------|----------|------|------------|------------|-----------|
| Liquefied Petroleum, Gas | N/A | 10 - 30 | NO | NO | NO | 1000 ppm | 1000 ppm |
| 4,4'-Diphenylmethane Diisocyanate (M | DI) 101-68-8 | 5 - 10 | YES | YES | NO | 0.020 ppm* | 0.005 ppm |
| Higher Oligomers of MDI | 9016-87-9 | 5 - 10 | NO | NO | NO | N/E | N/E |
| Urethane Pre-Polymer Blend | N/A | 60 - 100 | NO | N/E | NO | N/E | N/E |
| (proprietary non-hazardous blend) | | | | | | | |

^{*} ceiling value

SECTION 3 — PHYSICAL DATA

AEROSOL CONCENTRATE:

BOILING POINT: $> 200^{\circ}$ F **SPECIFIC GRAVITY (H₂O = 1)@70°F:** 1.1

pH: N/A VAPOR DENSITY(AIR = 1): N/D

APPEARANCE/ODOR: Viscous liquid that foams to an off-white

to yellowish froth.

SOLUBILITY IN WATER: Insoluble. Reacts slowly with water while

curing; liberates traces of carbon dioxide.

TOTAL CONTENTS:

TOTAL VOC %: < 25% VAPOR PRESSURE (can; psig @72°F): > 50 psig

SECTION 4 — FIRE AND EXPLOSION DATA

FLASH POINT: -156°F (based on liquefied petroleum gas)

FLAMMABILITY (as per CSMA Flame Projection Test): Extremely Flammable Spray

EXTINGUISHING MEDIA: Foam, CO₂, Dry Media, Halon 1211

SPECIAL FIRE-FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers

to prevent rupturing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to temperature above 120°F may cause bursting. Cured foam is organic and,

therefore, will burn in the presence of sufficient heat.

SECTION 5 — REACTIVITY DATA

STABILITY: Material Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Avoid alcohols, strong bases or amines and metal compounds (such as small particle metal catalysts). **HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, and trace amounts of

Hydrogen Cyanide.

N/A — NOT APPLICABLE N/D — NOT DETERMINED N/E — NONE ESTABLISHED N/R — NOT REGULATED N/L — NOT LISTED

Page 1 of 2

NEW PRODUCT-06/01/2010 BJM

SECTION 6 — STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.

NFPA CODE 30B RATING: Level 2 Aerosol.

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 120°F.

SECTION 7 — HEALTH HAZARDS AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

EYES: May be irritating to eyes. Foam contact can cause physical damage due to adhesive character.

SKIN: May cause localized irritation, reddening or swelling. Prolonged exposure may lead to sensitization and/or dermatitis.

INHALATION: May irritate mucous membranes with tightness in chest, coughing, or allergic asthma-like sensitivity. Extensive overexposure

can lead to respiratory symptoms like bronchitis and pulmonary edema. These effects are usually reversible.

INGESTION: May cause irritation of mucous membranes in the mouth and digestive tract.

FIRST AID PROCEDURES:

EYES: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. Get medical attention immediately.

SKIN: Use a rag to remove excess foam from skin and remove contaminated clothing. Use of a mild solvent, such as acetone (nail polish remover) or mineral spirits, may help in removing.

INHALATION: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

DO NOT INDUCE VOMITING. Drink 1 to 3 glasses of water. Seek medical attention immediately. Never give anything orally INGESTION:

to an unconscious person.

SECTION 8 — SPECIAL PROTECTION DATA

RESPIRATORY PROTECTION: None needed for proper use in accordance with label directions. Wear a NIOSH/MSHA approved respirator with organic vapor cartridges if recommended.

VENTILATION: Provide local exhaust to keep air concentrations of ingredients listed in Section II below acceptable limits.

PROTECTIVE GLOVES: Use chemical resistant gloves and forearm coverings, such as a long sleeved shirt.

EYE PROTECTION: Wear safety glasses or chemical proof goggles.

SECTION 9 — SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Uncured foam is very sticky remove immediately using acetone or mineral spirits with a rag. Once foam has cured, it can be physically removed by scraping, sanding, etc. Dispose of plastic waste (foam plastic) in accordance with Federal, State and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

OTHER INFORMATION

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.

N/A — NOT APPLICABLE N/L - NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

Page 2 of 2