

MSDS *Material Safety Data Sheet*

Wechem, Inc.

Insulate

MSDS Number: A69C

Revision Date: 06/02/08

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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Product Code: A69

2 HAZARDS IDENTIFICATION

Route of Entry: Ingestion, skin absorption, inhalation, eye
Target Organs: NA
Inhalation: Can cause nasal and respiratory irritation, 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.
Skin Contact: May cause localized irritation, swelling or reddening. Prolonged exposure may lead to sensitization and/or dermatitis.
Eye Contact: May cause irritation, foam contacts can cause physical damage due to adhesive character.
Ingestion: Can cause irritation of mucous membranes in the mouth and digestive tract, gastrointestinal irritation, nausea, diarrhea, vomiting.

HMIS II-ratings (scale 0-4): Health = 2, Fire = 2, Reactivity = 1
HMIS III-ratings (scale 0-4): Health = 2, Fire = 2, Physical Hazard = 2
NFPA-ratings (scale 0-4): Health = 2, Fire = 2, Reactivity = 1

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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
N/A	Liquefied Petroleum Gas	10-30	1000	1000	D
101688	4,4'-Diphenylmethane Diisocyanate (MDI)	5-10	0.02*	0.005	D
9016879	Higher Oligomers of MDI	5-10	N/A	N/A	D
N/A	Urethane Pre-Polymer Blend	60-100	N/A	N/A	D

*ceiling value

4 FIRST AID MEASURES

Inhalation:	Remove to fresh air. Resuscitate if necessary. Seek medical attention.
Skin Contact:	Wash with soap and water. If irritated seek medical attention.
Eye Contact:	Flush with water for 15 minutes. If irritated, seek medical attention.
Ingestion:	Do not induce vomiting. Drink two large glasses of water. Get medical attention.

5 FIRE FIGHTING MEASURES

Flash Point:	~ 156 Deg. F. (based on liquefied petroleum gas)
Burning Rate:	ND
Autoignition Temperature:	ND
LEL:	ND
UEL:	ND
Flammability Classification:	Non-flammable spray

Extinguishing media: Foam, dry chemical, carbon dioxide, Halon 1211

Special Fire fighting procedures: Use self-contained breathing apparatus. Cool fire-exposed containers to prevent rupturing.

Unusual Fire & Explosion Hazard: Exposure to temperature above 120 Deg. F. may cause bursting, Cured foam is organic, therefore, will burn in the presence of sufficient heat.

6 ACCIDENTAL RELEASE MEASURES

Maintain local exhaust and adequate ventilation. Contain spill. Remove uncured foam with acetone or mineral spirits with a rag. Once foam has cured, it can physically be removed by scraping, sanding, etc

7 HANDLING AND STORAGE

Handling Precautions:	No smoking. Store in a cool, dry area away from sparks, flames, or any other source of ignition.
Storage Requirements:	Store in a cool, dry area away from sparks, flames, or any other source of ignition. Keep out of reach of children.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Local exhaust to keep TLV below acceptable limits.
Protective Equipment: HMIS PP, B | Goggles, Gloves
Respiratory Protection: None needed for proper use in accordance with label directions. Otherwise wear NIOSH/MSHA approved respirator.
Protective gloves: Chemical resistant
Eye protection: Safety glasses / goggles
Exposure Guidelines/Other: Hygienic work practices: Wash with soap and water before handling food.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid that foams to an off-white to yellowish froth		
Physical State:	Liquid	Boiling Point:	>200 Deg. F.
Odor:	Characteristic	Freezing/Melting Pt.:	NA
pH:	NA	Solubility:	Insoluble. Reacts slowly with water while curing
Vapor Pressure:	> 50 psig @ 72 Deg. F.	Spec Grav./Density:	(H2O=1): 1.10 +/- 0.05
Vapor Density:	NA		
Heat Value:	NA		
VOC:	< 25%		
Evap. Rate:	NA		
Bulk Density:	NA		
Octanol:	NA		
Molecular Weight:	NA		
Particle Size:	NA		
Softening Point:	NA		
Viscosity:	NA		
Percent Volatile:	NA		
Sat. Vap. Concentrat.:	NA		
Molecular Formula:	NA		

10 STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Heat, contact with incompatible material

Materials to avoid (incompatibility): Alcohols, strong bases, amines, and metal compounds

Hazardous Decomposition products: Carbon Monoxide, Carbon Dioxide, oxides of Nitrogen and trace amounts of Hydrogen Cyanide

Hazardous Polymerization: Will not occur

11 TOXICOLOGICAL INFORMATION

NA

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12 ECOLOGICAL INFORMATION

NA

13 DISPOSAL CONSIDERATIONS

Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Dispose of according to local, state or federal regulations.

14 TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity, ORM-D

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*4,4'-Methylenediphenyl diisocyanate (101688 5-10%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TXAIR

*Polymethylene polyphenyl isocyanate (PAPI) (9016879 5-10%) SARA313

REGULATORY KEY DESCRIPTIONS

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

OSHA WAC = 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

CERCLA = Superfund clean up substance

16 OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined

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END OF MSDS DOCUMENT