

Household Products Database

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Brand Information

Brand Name: Great Stuff-09/19/2002

Form: aerosol foam

Product Category: Home maintenance >> Window >> weatherstripping
Home maintenance >> Weatherstripping >> window/door
Home maintenance >> Sealant >> insulation, foam
Home maintenance >> Insulation >> spray foam
Home maintenance >> Insulation >> multipurpose

Date Entered: 2005-01-14

Related Items: [Products with similar usage in this database](#)

Manufacturer

Manufacturer: Dow Chemical Company, The

Address: 2030 Dow Center

City: Midland

State: MI

Zip Code: 48674

Telephone Number: 800-366-4740

Toll Free Number: 800-366-4740

Date Info Verified: 2007-02-07

Related Items: [Products by this manufacturer](#)

Health Effects

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The following information (Health Effects, Handling/Disposal, and Ingredients) is taken from the product label and/or the [Material Safety Data Sheet \(MSDS\)](#) prepared by the manufacturer. The National Library of Medicine does not evaluate information from the product label or the Material Safety Data Sheet.

Warning from Product Label: Caution: Keep out of reach of children. Extremely Flammable.

Acute Health Effects: From MSDS

EYE: May cause moderate eye irritation. May cause very slight transient (temporary) corneal injury.

SKIN: Prolonged or repeated exposure may cause slight skin irritation. May cause allergic skin reaction in susceptible individuals. Animal studies have shown that skin contact with isocyanates may play a role in respiratory sensitization. May stain skin. A single prolonged exposure is not likely to result in the material being absorbed in harmful amounts.

INGESTION: Single dose oral toxicity is considered to be low. No hazards anticipated from swallowing small amounts incidental to normal handling

operations.

INHALATION: At room temperature, PMDI vapors are minimal due to low vapor pressure. However, certain operations may generate vapor or aerosol concentrations sufficient to cause irritation or other adverse effects. Excessive exposure may cause irritation to upper respiratory tract and lungs, and pulmonary edema (fluid in the lungs). May cause respiratory sensitization in susceptible individuals. MDI concentrations below the exposure guidelines may cause allergic respiratory reactions in individuals already sensitized. Symptoms may include coughing, difficult breathing and a feeling of tightness in the chest. Effects may be delayed. Decreased lung function has been associated with overexposure to isocyanates. In confined or poorly ventilated areas, propane and isobutane vapors can readily accumulate and can cause unconsciousness and death due to displacement of oxygen (simple asphyxia). Excessive exposure may increase sensitivity to epinephrine and increase myocardial irritability (irregular heartbeats). Signs and symptoms of excessive exposure may be central nervous system effects. At air concentrations < 1000 ppm, propane exerts very little physiological action; at 100,000 ppm and above it may produce dizziness or other central nervous system effects. Signs and symptoms of central nervous system depression, in order of increasing exposure, are headache, dizziness, drowsiness, and unconsciousness, even death.

Chronic Health Effects: MSDS: None given

Carcinogenicity: MSDS:
No information provided.

First Aid: MSDS:
EYE: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.
SKIN: Remove material from skin immediately by washing with soap and plenty of water, (warm water is preferable if readily available). Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. An MDI skin decontamination study demonstrated that cleaning very soon after exposure is important, and that a polyglycol-based skin cleanser or corn oil may be more effective than soap and water.
INGESTION: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.
NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient. May cause respiratory sensitization or asthma-like symptoms. Bronchodilators, expectorants, and antitussives may be of help. Respiratory symptoms, including pulmonary edema, may be delayed. Persons receiving significant exposure should be observed for 24-48 hours for signs of respiratory distress.

Health Rating: 2

Flammability Rating: 4

Reactivity Rating: 1

HMIS Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe;
N = No information provided by manufacturer; * = Chronic Health Hazard

MSDS Date: 2002-09-19

Handling/Disposal

Handling: MSDS:
Avoid contact of this product with water at all times during handling and storage. Use only with adequate ventilation. Keep equipment clean. Use disposable containers and tools where possible. Do not eat, drink, or smoke in working area. Store in a dry place. Store between 32 degrees F to 90 degrees F. Keep containers tightly closed when not in use. Protect containers from physical abuse. Avoid direct sunlight. Do not incinerate aerosol can.

Disposal: MSDS:

DISPOSAL: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY

BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

As a service to its customers, Dow can provide names of information resources to help identify waste management companies and other facilities which recycle, reprocess or manage chemicals or plastics, and that manage used drums. Telephone Dow's Customer Information Center at 800-258-2436 or 989-832-1556 for further details.

Ingredients from MSDS/Label

Chemical	CAS No / Unique ID	Percent
Prepolymer of MDI and polyether polyol	000000-46-4	40-70
Propane	000074-98-6	10-30
Isobutane	000075-28-5	10-30
Methylene bisphenyl diisocyanate (MDI)	000101-68-8	5-10
Dimethyl ether	000115-10-6	10-30
MDI (polymeric)	009016-87-9	5-10
Propylene oxide, propylene glycol polymer (PPG-9)	025322-69-4	15-40

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