



Loose in the Lab

Seriously Funny Science

Material Safety Data Sheet (MSDS)

MSDS #: LL44148m

Revision Date: Nov 20, 2006

Poly B

Section 1

Chemical Product and Company Identification

Polyurethane Foam System (Part B)

Loose in the Lab, inc. 9462 So. 560 W. Sandy, UT 84070 (888) 403-1189

Section 2

Composition, Information on Ingredients

Part B: proprietary mixture containing a 4,4-diphenylmethane diisocyanate (101-68-8) 38-50%, polymethylene polyphenyl isocyanate (9016-87-9) 20-35%, and diphenylmethane diisocyanate (26447-40-5) 20-35%.

CAS#: None Established

Section 3

Hazards Identification

Dark brown liquid; odorless.

Irritating to body tissues and respiratory tract. Avoid all body tissue contact. Do not breathe vapor.

Combustible liquid.

Quick Reference:

Health - 0

Flammability - 1

Reactivity - 1

Exposure - 1

Storage - 0

0 is Low hazard

3 is High hazard

Section 4

First Aid Measures

Call a physician, seek medical attention for further treatment, observation and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.

Eye: Immediately flush with fresh water for 15 minutes.

External: Wash continuously with fresh water for 15 minutes.

Internal: Give large quantities of water. Call a physician or poison control at once.

Section 5

Fire Fighting Measures

Class IIIB combustible liquid.

Flash Point: 425 F

Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

NFPA CODE

None

Established

Section 6

Accidental Release Measures

Restrict unprotected personnel from area. Remove all ignition sources and ventilate area. Contain spill with sand and absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

Section 7

Handling and Storage

Store with epoxy compounds and isocyanates.

Do not store longer than 3 years. Immediately reseal container after dispensing to preserve the expanding property.

Section 8

Exposure Controls, Personal Protection

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron. Use exhaust ventilation to keep airborne concentrations low.



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Section 9

Physical and Chemical Properties

Dark brown liquid; odorless.
Solubility: Acetone and some other organic solvents.

Specific Gravity: 1.24

Section 10

Stability and Reactivity

Avoid contact with water, alcohols, amines, strong bases, acids and metal compounds.
Shelf life: Should not be stored for more than 3 years.

Section 11

Toxicological Information

Acute effects: Irritant
Chronic effects: N.A.
Target organs: N.A.

ORL-RAT LD50: >10000 mg/kg
IHL-RAT LC50: 370-490 mg/m³/4H
SKN-RBT LD50: >9400 mg/kg

Section 12

Ecological Information

Data not yet available.

Section 13

Disposal Considerations

Please consult with state and local regulations.

Section 14

Transport Information

Shipping Name: Not regulated
Hazard Class: N/A
UN Number: N/A

N/A = Not applicable

Section 15

Regulatory Information

Not listed.

Section 16

Other Information

Consult your copy of the Loose in the Lab Catalog/Reference Manual for additional information about laboratory chemicals. This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Loose in the Lab Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. Loose in the Lab Inc. assumes no legal responsibility for use or reliance upon this data.