

MATERIAL SAFETY 3M
DATA SHEET 3M Center
St. Paul, Minnesota
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DIVISION: ENGINEERED ADHESIVES

TRADE NAME:

3M Blue Glue NF Carpet Adhesive

ID NUMBER/U.P.C.:

62-4224-7530-1 00-21200-21158-4 62-4224-8530-0 00-21200-21159-1

62-4224-9530-9 00-21200-21160-7

ISSUED: November 28, 2001

SUPERSEDES: May 24, 2001

DOCUMENT: 10-2981-8

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER.....	7732-18-5	55.0 - 65.0
ACRYLIC POLYMER.....	9017-68-9	35.0 - 45.0
ACRYLIC POLYMER.....	25212-88-8	.1 - .75
AMMONIA.....	7664-41-7	0.1 - .75
TOLUENE.....	108-88-3	.01 - .2

IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24
HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.
The components of this product are in compliance with the chemical
notification requirements of TSCA.

This product contains the following toxic chemical or chemicals subject to
the reporting requirements of Section 313 of Title III of the Emergency
Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372:

AMMONIA

TOLUENE

2. PHYSICAL DATA

BOILING POINT:..... > 210.00 F
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/A
EVAPORATION RATE:..... N/A
SOLUBILITY IN WATER:..... Disperses in water
SPECIFIC GRAVITY:..... 1.040 Water=1
PERCENT VOLATILE:..... ca. 57.00 % by wt

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

2. PHYSICAL DATA (continued)

pH:..... 8.00 - 8.50
VISCOSITY:..... 9000.0 - 10000.0 centipoise
MELTING POINT:..... N/D

APPEARANCE AND ODOR:
liquid, blue, distinct odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:
Water spray, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:
Wear full protective clothing, including helmet, self-contained,
positive pressure or pressure demand breathing apparatus, bunker coat
and pants, bands around arms, waist and legs, face mask, and
protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Not applicable.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Aldehydes, Ketones, Toxic Vapors,
Gases or Particulates.

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5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Cover with absorbent material. Collect spilled material. Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility in the presence of a combustible material. Dispose of completely cured (or polymerized) material in a sanitary landfill.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 1 gms/liter South Coast Air Quality Mgmt Dist Method Rule 443.1, calculated.
VOC Less H₂O & Exempt Solvents: 2 gms/liter South Coast Air Quality Mgmt Dist Method Rule 443.1, calculated.
Hazardous Air Pollutants: < .12 % by wt calculated.
Hazardous Air Pollutants: ca. .003 #/# solids calculated.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

EPCRA HAZARD CLASS:

FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: No

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

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7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact with vapor, spray, or mist. Wear vented goggles.
Wear safety glasses with side shields.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact. Wear appropriate gloves
when handling this material. A pair of gloves made from the
following material(s) are recommended: butyl rubber, neoprene,
nitrile rubber.

RECOMMENDED VENTILATION:

Use with functioning spray booth or local exhaust. Use in a well-
ventilated area. Provide sufficient ventilation to maintain
emissions below recommended exposure limits.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Store at temperatures above 32 degrees F (0 degrees C). Keep
container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER.....	NONE	NONE	NONE	NONE	
ACRYLIC POLYMER.....	NONE	NONE	NONE	NONE	
ACRYLIC POLYMER.....	NONE	NONE	NONE	NONE	
AMMONIA.....	25	PPM	TWA	ACGIH	
AMMONIA.....	35	PPM	STEL	ACGIH	
AMMONIA.....	35	PPM	STEL	OSHA	
	OSHA VACATED PEL				
AMMONIA.....	50	PPM	TWA	OSHA	
TOLUENE.....	50	PPM	TWA	ACGIH	Y
TOLUENE.....	100	PPM	TWA	OSHA	
	OSHA VACATED PEL				
TOLUENE.....	150	PPM	STEL	OSHA	
	OSHA VACATED PEL				
TOLUENE.....	200	PPM	TWA	OSHA	
TOLUENE.....	300	PPM	CEIL	OSHA	
TOLUENE.....	75	PPM	STEL	CMRG	Y

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL. Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

SECTION CHANGE DATES

PRECAUTIONARY INFO. SECTION CHANGED SINCE May 24, 2001 ISSUE

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