

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
 55144-1000
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DIVISION: ENGINEERED ADHESIVES
 TRADE NAME:
 3M(TM) Fastbond(TM) Contact Adhesive 30-NF Neutral

ID NUMBER/U.P.C.:

62-4274-5520-9	00-21200-21179-9	62-4274-5535-7	00-21200-85828-4
62-4274-5538-1	00-21200-31346-2	62-4274-6530-7	00-21200-21180-5
62-4274-6535-6	- - -	62-4274-7530-6	00-21200-21181-2
62-4274-7535-5	- - -	62-4274-8530-5	00-21200-21182-9
62-4274-8535-4	00-21200-21182-8	62-4274-9530-4	00-21200-21183-6
62-4274-9531-2	- - -	62-4274-9535-3	00-21200-21183-5
62-4274-9538-7	00-21200-49075-0	62-4274-9930-6	00-21200-85824-6
62-4274-9932-2	00-21200-45157-7	62-4274-9935-5	00-21200-85825-3

ISSUED: November 28, 2001
 SUPERSEDES: May 24, 2001
 DOCUMENT: 10-2980-0

1. INGREDIENT	C.A.S. NO.	PERCENT	
WATER.....	7732-18-5	40	- 50
POLYCHLOROPRENE.....	9010-98-4	30	- 40
GLYCEROL ESTER OF HYDROGENATED ROSIN....	65997-13-9	5	- 10
TERPENE PHENOLIC RESIN.....	68648-57-7	5	- 10
TOLUENE.....	108-88-3	1	- 3
METHYL ALCOHOL.....	67-56-1	1	- 2.5
ZINC OXIDE.....	1314-13-2	1	- 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:

- TOLUENE
- METHYL ALCOHOL
- ZINC OXIDE

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

2. PHYSICAL DATA

BOILING POINT:..... 147.00 F
(methanol)
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... 1.10 Air=1
EVAPORATION RATE:..... 1.00 Ether=1
SOLUBILITY IN WATER:..... Good
SPECIFIC GRAVITY:..... 1.100 Water=1
PERCENT VOLATILE:..... ca. 50.00 % by wt
pH:..... ca. 10.00
VISCOSITY:..... 200.0 - 600.0 centipoise
MELTING POINT:..... N/D

APPEARANCE AND ODOR:
liquid, neutral, slight odor of ammonia

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... NONE
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.

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4. REACTIVITY DATA (continued)

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Hydrogen Chloride, Aldehydes,
Ketones.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Ventilate area. Contain
spill. Cover with inorganic absorbent material. Collect spilled
material. Clean up residue with water. Place in a closed container.

RECOMMENDED DISPOSAL:

Cure product according to product instructions. Dispose of
completely cured (or polymerized) material in a sanitary landfill.
Disposal alternative: Incinerate in an industrial or commercial
facility in the presence of a combustibile material. Disposal
alternative: Dispose of completely absorbed waste product in a
sanitary landfill.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 37 gms/liter Tested per EPA Method 24.
VOC Less H2O & Exempt Solvents: 77 gms/liter Tested per EPA Method 24.
Hazardous Air Pollutants: ca. 0.09 #/# solids (4.6% by weight).

Since regulations vary, consult applicable regulations or authorities
before disposal. In the event of an uncontrolled release of this
material, the user should determine if the release qualifies as a
reportable quantity. 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.

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6. SUGGESTED FIRST AID (continued)

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.

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: nitrile rubber, polyethylene/ethylene vinyl alcohol, polytetrafluoroethylene (Teflon), fluoroelastomer (Viton).

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:

Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

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 7. PRECAUTIONARY INFORMATION (continued)

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER.....	NONE	NONE	NONE	NONE	
POLYCHLOROPRENE.....	NONE	NONE	NONE	NONE	
GLYCEROL ESTER OF HYDROGENATED ROSIN.....	NONE	NONE	NONE	NONE	
TERPENE PHENOLIC RESIN.....	NONE	NONE	NONE	NONE	
TOLUENE.....	50	PPM	TWA	ACGIH	Y
TOLUENE.....	100	PPM	TWA	OSHAV	
			OSHA VACATED PEL		
TOLUENE.....	150	PPM	STEL	OSHAV	
			OSHA VACATED PEL		
TOLUENE.....	200	PPM	TWA	OSHA	
TOLUENE.....	300	PPM	CEIL	OSHA	
TOLUENE.....	75	PPM	STEL	CMRG	Y
METHYL ALCOHOL.....	200	PPM	TWA	ACGIH	Y
METHYL ALCOHOL.....	250	PPM	STEL	ACGIH	Y
METHYL ALCOHOL.....	200	PPM	TWA	OSHA	Y
METHYL ALCOHOL.....	250	PPM	STEL	OSHA	Y
ZINC OXIDE.....	10	MG/M3	TWA	ACGIH	
			AS DUST		
ZINC OXIDE.....	10	MG/M3	TWA	OSHAV	
			AS DUST		
			OSHA VACATED PEL		
ZINC OXIDE.....	5	MG/M3	TWA	ACGIH	
			as fume		
ZINC OXIDE.....	10	MG/M3	STEL	ACGIH	
			as fume		
ZINC OXIDE.....	5	MG/M3	TWA	OSHA	
			as fume		
ZINC OXIDE.....	10	MG/M3	STEL	OSHAV	
			as fume		
			OSHA VACATED PEL		
ZINC OXIDE.....	15	MG/M3	TWA	OSHA	
			AS TOTAL DUST		
ZINC OXIDE.....	5	MG/M3	TWA	OSHA	
			RESPIRABLE		

* 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.

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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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:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

Contact with the skin during product use is not expected to result in significant irritation.

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.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Ingestion may cause:

Blindness.

REPRODUCTIVE/DEVELOPMENTAL TOXINS:

WARNING: Contains a chemical which can cause birth defects. (108-88-3)

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SECTION CHANGE DATES

PRECAUTIONARY INFO. SECTION CHANGED SINCE May 24, 2001 ISSUE

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