CLIPPER BELT LACER COMPANY

MATERIAL SAFETY
DATA SHEET
3M
3M Center
St. Paul, Minnesota
55144-1000
1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION: ADHESIVES DIVISION

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 00-21200-21180-5
62-4274-6535-6 - - -
62-4274-7535-5 - - -
62-4274-8535-4 00-21200-21182-9 62-4274-9535-4 00-21200-21183-6
62-4274-9531-2 - - -
62-4274-9930-6 00-21200-85824-6 62-4274-9935-5 00-21200-85825-3

ISSUED: April 19, 2000
SUPERSEDES: March 29, 2000
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 |
| TERENE 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 -

MSDS: 3M(TM) Fastbond(TM) Contact Adhesive 30-NF Neutral
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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
VISCOITY: ..................... 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)
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. Dispose of completely cured (or polymerized) material in a facility permitted to accept chemical wastes.

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
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. 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.

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6. SUGGESTED FIRST AID (continued)

INHALATION:
If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, 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.

EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>VALUE</th>
<th>UNIT</th>
<th>TYPE</th>
<th>AUTH</th>
<th>SKIN*</th>
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EXPOSURE LIMITS (continued)

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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
- **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

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**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:**
CLIPPER BELT LACER COMPANY

IRITATION (Resp. Inh. or Inapp.) 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)

SECTION CHANGE DATES

<table>
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<tr>
<th>INGREDIENTS</th>
<th>SECTION CHANGED SINCE March 29, 2000</th>
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<td>PRECAUTIONARY INFO.</td>
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