

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

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DIVISION: ENGINEERED ADHESIVES

TRADE NAME:

3M(TM) Repositionable Spray Adhesive 75

ID NUMBER/U.P.C.:

62-4669-4830-4 00-21200-30067-7 62-4669-4835-3 - - -
 62-4669-4836-1 00-21200-30067-6

ISSUED: May 18, 2001

SUPERSEDES: March 06, 2001

DOCUMENT: 07-7835-7

| 1. INGREDIENT | C.A.S. NO. | PERCENT | |
|---|-------------|---------|------|
| ACETONE..... | 67-64-1 | 30 | - 40 |
| ISOBUTANE..... | 75-28-5 | 20 | - 30 |
| HEPTANE ISOMERS..... | 64742-49-0 | 20 | - 30 |
| PROPANE..... | 74-98-6 | 7 | - 13 |
| NON-VOLATILE COMPONENTS - N.J. TRADE SECRET REGISTRY NO. 04499600-6146P+.. | TradeSecret | 7 | - 13 |

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. All applicable chemical
 ingredients in this material are listed on the European Inventory of
 Existing Chemical Substances (EINECS), or are exempt polymers whose
 monomers are listed on EINECS.

++Synthetic elastomer, resin and stabilizers. Non-Hazardous per WHMIS
 criteria. Non-WHMIS controlled.

2. PHYSICAL DATA

BOILING POINT:..... Compressed gas
 VAPOR PRESSURE:..... Compressed gas
 VAPOR DENSITY:..... N/D
 EVAPORATION RATE:..... N/D
 SOLUBILITY IN WATER:..... nil
 SPECIFIC GRAVITY:..... 0.673 Water=1

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

2. PHYSICAL DATA (continued)

PERCENT VOLATILE:..... ca. 91 % by wt
pH:..... N/A
VISCOSITY:..... N/A
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Compressed Gas, in aerosol, Mild Solvent Odor/Clear-light yellow

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -50.00 F TCC
Propellant
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... Flamm. Gas
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

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:

Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 4 REACTIVITY: 0 AEROSOL STORAGE: 3
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Heat.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

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4. REACTIVITY DATA (continued)

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Toxic Vapors, Gases or
Particulates.

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. Ventilate area. Extinguish all
ignition sources. Cover with absorbent material. Collect using non-
sparking tools. Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator in the presence
of a combustible material. Facility must be capable of handling
aerosol cans. Dispose of empty cans in a sanitary landfill. Dispose
of waste product in a facility permitted to accept chemical waste.

Recycle aerosol cans where available.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 57 % by wt calculated per SCAQMD rule
443.1 (385 gram/liter).
VOC Less H₂O & Exempt Solvents: ca. 537 gms/liter calculated per SCAQMD
rule 443.1.

Since regulations vary, consult applicable regulations or authorities
before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

EPCRA HAZARD CLASS:

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

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:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

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 safety glasses with side shields.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

RECOMMENDED VENTILATION:

Do not use in a confined area or areas with little or no air movement. If exhaust ventilation is not adequate, use appropriate respiratory protection. Provide ventilation adequate to control vapor concentrations below recommended exposure limits and/or control spray or mist.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Store at temperatures below 120 degrees F (49 degrees C). Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Aerosol container contains flammable gas under pressure. Keep away from heat, sparks, open flame, and other sources of ignition. Extremely flammable liquid and vapor. Do not pierce or burn container, even after use. Avoid static discharge.

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7. PRECAUTIONARY INFORMATION (continued)

EXPOSURE LIMITS

| INGREDIENT | VALUE | UNIT | TYPE | AUTH | SKIN* |
|---|-------|------|------------------|-------|-------|
| ACETONE..... | 500 | PPM | TWA | ACGIH | |
| ACETONE..... | 750 | PPM | STEL | ACGIH | |
| ACETONE..... | 750 | PPM | TWA | OSHAV | |
| | | | OSHA VACATED PEL | | |
| ACETONE..... | 1000 | PPM | STEL | OSHAV | |
| | | | OSHA VACATED PEL | | |
| ACETONE..... | 1000 | PPM | TWA | OSHA | |
| ISOBUTANE..... | NONE | NONE | NONE | NONE | |
| HEPTANE ISOMERS..... | 50 | PPM | TWA | CMRG | |
| PROPANE..... | 1000 | PPM | TWA | OSHA | |
| PROPANE..... | 2500 | PPM | TWA | ACGIH | |
| NON-VOLATILE COMPONENTS - N.J. TRADE SECRET REGISTRY NO. 04499600- 6146P++..... | NONE | NONE | NONE | NONE | |

* 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.

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8. HEALTH HAZARD DATA (continued)

INHALATION:

Intentional concentration and inhalation may be harmful or fatal.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

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

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

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:

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

SECTION CHANGE DATES

| HEADING | SECTION CHANGED SINCE | ISSUE |
|---------|-----------------------|-------|
|---------|-----------------------|-------|

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