MATERIAL SAFETY
DATA SHEET

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the intention of earning a profit thereon.

DIVISION: ADHESIVES DIVISION
TRADE NAME:
Super 77 Spray Adhesive (obsolete)

ID NUMBER/U.P.C.:
62-4434-4028-4 00-21200-76098-3 62-4434-4029-2 00-21200-65165-6
62-4434-4925-1 00-21200-21210-9 62-4434-4926-9 00-21200-21208-6

ISSUED: FEBRUARY 18, 2000 (INACTIVE)
SUPERSEDES: JUNE 30, 1998
DOCUMENT: 10-5970-8

1. INGREDIENT C.A.S. NO. PERCENT

NON-VOLATILE COMPONENTS - N.J.
TRADE SECRET (T.S.) REGISTRY NO.

0449600-5452P ++ .................. TradeSecret 1.0 - 30.0
HEXANE (OTHER ISOMERS) ........ None 10.0 - 20.0
CYCLOHEXANE .................... 110-82-7 10.0 - 20.0
N-HEXANE ......................... 110-54-3 10.0 - 20.0
ISOBUTANE ....................... 75-28-5 10.0 - 20.0
DIMETHYL ETHER ................. 115-10-6 10.0 - 20.0
PROPANE ......................... 74-98-6 10.0 - 20.0

NOTE: 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.
++ rosin, synthetic polymer, resin and antioxidant. Not hazardous
according to Canadian WHMIS criteria. Non-WHMIS controlled.

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:
CYCLOHEXANE
N-HEXANE

2. PHYSICAL DATA

BOILING POINT: Compressed gas
VAPOR PRESSURE: Compressed gas
VAPOR DENSITY: 2.97
EVAPORATION RATE: 1.9
SOLUBILITY IN WATER: Nil
SP. GRAVITY: 0.702 Water = 1
PERCENT VOLATILE: ca. 75 % by wt
pH: N/A
VISCOSITY: N/A

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately
2. PHYSICAL DATA  (continued)

MELTING POINT ............... N/D
APPEARANCE AND ODOR: liquid in aerosol container, light cream colored, sweet/fruitty odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: .................. -50.00 F T.C.C.
Propellant
FLAMMABLE LIMITS - LEL: ...... N/A
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
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
Heat.
HAZARDOUS POLYMERIZATION: Will Not Occur
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.

ENVIRONMENTAL DATA:
Not determined.

Abbreviations: N/D - Not Determined  N/A - Not Applicable  CA - Approximately
5. ENVIRONMENTAL INFORMATION (continued)

REGULATORY INFORMATION:
Volatile Organic Compounds: ca. 75 % (527 g/l) SCAQMD Rule 443.1, calculated.
VOC Less H2O & Exempt Solvents: ca. 75 % (527 g/l) Rule 443.1, calculated.

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.

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 vented goggles. Wear safety glasses with side shields.

SKIN PROTECTION:
Avoid 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, polyvinyl alcohol, polytetrafluoroethylene (Teflon), fluoroelastomer (Viton).

VENTILATION PROTECTION:
Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:
Avoid breathing of vapors, mists or spray. Select one of the

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MSDS: Super 77 Spray Adhesive (obsoleot)
FEBRUARY 18, 2000

7. PRECAUTIONARY INFORMATION (continued)

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.

EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>VALUE</th>
<th>UNIT</th>
<th>TYPE</th>
<th>AUTH</th>
<th>SKIN*</th>
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<tr>
<td>NON-VOLATILE COMPONENTS - N.J.</td>
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<td>TRADE SECRET (T.S.) REGISTRY NO.</td>
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<td>TWA</td>
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<td>ACGIH</td>
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<tr>
<td>N-HEXANE</td>
<td>50</td>
<td>ppm</td>
<td>TWA</td>
<td>OSHA</td>
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<tr>
<td>N-HEXANE</td>
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<td>OS HA VACATED PEL</td>
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<tr>
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<td>ppm</td>
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<td>OSHA</td>
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<tr>
<td>ISOBUTANE</td>
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<td>ACGIH</td>
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</table>

* 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
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level
  Guideline
- 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.
- CMRG: Chemical Manufacture Recommended Guidelines
- NONE: None Established

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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.

May be absorbed through the skin in harmful amounts.

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.

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.

Peripheral Neuropathy: signs/symptoms can include tingling of extremities, incoordination, numbness, weakness and tremors.

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

<table>
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<tr>
<th>HEADING</th>
<th>SECTION CHANGED SINCE</th>
<th>JUNE 30, 1998 ISSUE</th>
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