MATERIAL SAFETY DATA SHEET

DIVISION: INDUSTRIAL TAPE AND SPECIALTIES DIVISION

TRADE NAME: SCOTCH PHOTO MOUNT Spray Adhesive (Cat. Nos. 6092 - 6094)

3M I.D. NUMBER: CS-0406-1344-3 CS-0406-6934-6 62-6092-3725-0 62-6094-4825-3

ISSUED: JULY 1, 1993
SUPERSEDES: DECEMBER 18, 1992
DOCUMENT: 10-4798-4

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

| PROPAANE | 74-98-6 | 20.0 - 30.0 |
| N-HEXANE | 110-54-3 | 20.0 - 30.0 |
| HEXANE (OTHER ISOMERS) | None | 10.0 - 20.0 |
| NONVOLATILE COMPONENTS - N.J. TRADE SECRET (T.S.) REGISTRY NO. 04499600-5478P ++ | TradeSecret | 10.0 - 20.0 |
| ACETONE | 67-64-1 | 7.0 - 13.0 |
| NAPHTHOL SPIRITS | 64742-48-9 | 5.0 - 10.0 |

NOTE: ++ synthetic polymers, resins, synthetic rubber, antioxidant, u.v. absorber, adhesion promoter and fillers. 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 SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

ACETONE

2. PHYSICAL DATA

| BOILING POINT: | Compressed gas |
| VAPOR PRESSURE: | Compressed gas |
| VAPOR DENSITY: | 2.97 Air = 1 |
| EVAPORATION RATE: | 1.90 Ether = 1 |
| SOLUBILITY IN WATER: | N/D |
| SP. GRAVITY: | N/A |
| PERCENT VOLATILE: | ca. 86% by wt |
| VOLATILE ORGANICS: | ca. 86% |
| VOC LESS H2O & EXEMPT SOLVENT | (600 g/l) SCAQMD Rule 443.1, calculated ca. 86% |
| pH: | N/A |
| VISCOSITY: | N/A |
| MELTING POINT: | N/D |
| APPEARANCE AND ODOR: | thin liquid in aerosol container, light cream, characteristic solvent odor |

3. FIRE AND EXPLOSION HAZARD DATA

| FLASH POINT: | -50.00 F |
| FLAMMABLE LIMITS - LEL: | 2.60% by vol |
| FLAMMABLE LIMITS - UEL: | 12.80% by vol |
| AUTOIGNITION TEMPERATURE: | N/D |
| EXTINGUISHING MEDIA: | Water spray, Carbon dioxide, Dry chemical, Foam |

Abbreviations: N/D - Not Determined N/A - Not Applicable
3. FIRE AND EXPLOSION HAZARD DATA (continued)

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. Water may not
effectively extinguish fire; however, it should be used to keep fire-
exposed containers and surfaces cool and prevent explosive rupture.

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 1
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  Aldehydes  Ketones  Hydrocarbons

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. Call (612) 733-1110 or (612) 733-6100
for 24-hour spill assistance. Ventilate area. Extinguish all
ignition sources. Collect using non-sparking tools. Cover with
absorbent material. Place in a U.S. DOT-approved container and seal.

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 completely absorbed waste product in a facility permitted to
accept chemical wastes.

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
Since regulations vary, consult applicable regulations or authorities

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

Abbreviations: N/D - Not Determined  N/A - Not Applicable
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 prolonged or repeated skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: polyethylene/ethylene vinyl alcohol, polytetrafluoroethylene (teflon).

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 inhalation 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.
7. PRECAUTIONARY INFORMATION (CONTINUED)

EXPOSURE LIMITS

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<th>INGREDIENTS</th>
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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
- 3M: 3M Medical Department Guideline
- CMRG: Chemical Manufacture Recommended Guidelines
- 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.

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

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8. HEALTH HAZARD DATA (continued)

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.

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

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

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.