**MATERIAL SAFETY DATA SHEET**

**DIVISION:** INDUSTRIAL TAPE AND SPECIALTIES DIVISION  
**TRADE NAME:**  
Catalog 6065 Spray-Mount (TM) Artist Adhesive  
**3M I.D. NUMBER:** CS-0406-2155-2 62-6953-4825-2  
**ISSUED:** JULY 1, 1993  
**SUPERSEDES:** JANUARY 27, 1993

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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOBUTANE</td>
<td>75-28-5</td>
<td>20.0</td>
</tr>
<tr>
<td>PENTANE</td>
<td>109-66-0</td>
<td>20.0</td>
</tr>
<tr>
<td>HEPTANE</td>
<td>142-82-5</td>
<td>10.0</td>
</tr>
<tr>
<td>PROPANE</td>
<td>74-98-6</td>
<td>10.0</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>7.0</td>
</tr>
</tbody>
</table>

**NOTE:** ++ rosin, synthetic polymer and plasticizers. Not Hazardous according to Canadian WHMIS criteria. Non-WHMIS controlled.

### 2. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT:</td>
<td>Compressed gas</td>
</tr>
<tr>
<td>VAPOR PRESSURE:</td>
<td>Compressed gas</td>
</tr>
<tr>
<td>VAPOR DENSITY:</td>
<td>2.97 Air = 1</td>
</tr>
<tr>
<td>EVAPORATION RATE:</td>
<td>1.90 Water = 1</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER:</td>
<td>nil</td>
</tr>
<tr>
<td>SP. GRAVITY:</td>
<td>0.640 Water = 1</td>
</tr>
<tr>
<td>PERCENT VOLATILE:</td>
<td>ca. 90 % by wt</td>
</tr>
<tr>
<td>VOLATILE ORGANICS:</td>
<td>ca. 90 %</td>
</tr>
<tr>
<td>VOC LESS H2O &amp; EXEMPT SOLVENT</td>
<td>ca. 90 % (578 g/l) SCAQMD Rule 443.1, calculated</td>
</tr>
<tr>
<td>pH:</td>
<td>N/A</td>
</tr>
<tr>
<td>VISCOSITY:</td>
<td>N/A</td>
</tr>
<tr>
<td>MELTING POINT:</td>
<td>N/D</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR:</td>
<td>liquid in aerosol, clear, sweet/fruity odor.</td>
</tr>
</tbody>
</table>

### 3. FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLASH POINT:</td>
<td>-50.00 F T.C.C.</td>
</tr>
<tr>
<td>Propellant</td>
<td></td>
</tr>
<tr>
<td>FLAMMABLE LIMITS - LEL:</td>
<td>N/A</td>
</tr>
<tr>
<td>FLAMMABLE LIMITS - UEL:</td>
<td>Flamm. Gas</td>
</tr>
<tr>
<td>AUTOIGNITION TEMPERATURE:</td>
<td>N/D</td>
</tr>
<tr>
<td>EXTINGUISHING MEDIA:</td>
<td>Carbon dioxide, Dry chemical, Foam</td>
</tr>
<tr>
<td>SPECIAL FIRE FIGHTING PROCEDURES:</td>
<td>Wear full protective clothing, including helmet, self-contained,</td>
</tr>
</tbody>
</table>

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

   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. 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 waste product in a facility permitted to accept chemical waste.

   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

6. SUGGESTED FIRST AID

   EYE CONTACT:
   Immediately flush eyes with large amounts of water. Get immediate
   medical attention.

Abbreviations: N/D - Not Determined  N/A - Not Applicable
6. SUGGESTED FIRST AID (continued)

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. 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: 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.

Abbreviations: N/D - Not Determined  N/A - Not Applicable
7. PRECAUTIONARY INFORMATION (CONTINUED)

EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>VALUE</th>
<th>UNIT</th>
<th>TYPE</th>
<th>AUTH</th>
<th>SKIN*</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOButane</td>
<td>NONE</td>
<td>ppm</td>
<td>TWA</td>
<td>ACGIH</td>
<td>NONE</td>
</tr>
<tr>
<td>PENTANE</td>
<td>600</td>
<td>ppm</td>
<td>STEL</td>
<td>OSHA</td>
<td>NONE</td>
</tr>
<tr>
<td>PENTANE</td>
<td>750</td>
<td>ppm</td>
<td>STEL</td>
<td>OSHA</td>
<td>NONE</td>
</tr>
<tr>
<td>PENTANE</td>
<td>600</td>
<td>ppm</td>
<td>TWA</td>
<td>ACGIH</td>
<td>NONE</td>
</tr>
<tr>
<td>PENTANE</td>
<td>750</td>
<td>ppm</td>
<td>STEL</td>
<td>OSHA</td>
<td>NONE</td>
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<tr>
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<td>600</td>
<td>ppm</td>
<td>TWA</td>
<td>ACGIH</td>
<td>NONE</td>
</tr>
<tr>
<td>PENTANE</td>
<td>750</td>
<td>ppm</td>
<td>STEL</td>
<td>OSHA</td>
<td>NONE</td>
</tr>
<tr>
<td>HEPTANE</td>
<td>600</td>
<td>ppm</td>
<td>TWA</td>
<td>ACGIH</td>
<td>NONE</td>
</tr>
<tr>
<td>HEPTANE</td>
<td>500</td>
<td>ppm</td>
<td>STEL</td>
<td>OSHA</td>
<td>NONE</td>
</tr>
<tr>
<td>HEPTANE</td>
<td>400</td>
<td>ppm</td>
<td>TWA</td>
<td>OSHA</td>
<td>NONE</td>
</tr>
<tr>
<td>HEPTANE</td>
<td>500</td>
<td>ppm</td>
<td>STEL</td>
<td>OSHA</td>
<td>NONE</td>
</tr>
</tbody>
</table>

NON-VOLATILE COMPONENTS - N.J. TRADE SECRET (T.S.) REGISTRY NO. 04499600-5904P++ NONE NONE NONE NONE

PROPAINE       | 1000  | ppm  | TWA   | OSHA | NONE  |

PROPANE        | NONE  | ppm  | NONE  | ACGIH| NONE  | Simple asphyxiant

ACETONE       | 750   | ppm  | TWA   | ACGIH| NONE  |

ACETONE       | 1000  | ppm  | STEL  | OSHA | NONE  |

ACETONE       | 750   | ppm  | TWA   | OSHA | NONE  |

ACETONE       | 1000  | ppm  | STEL  | OSHA | 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
- OSHA: Occupational Safety and Health Administration
- 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.

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

Abbreviations: N/D - Not Determined N/A - Not Applicable
8. HEALTH HAZARD DATA (continued)

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.

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.