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Material Safety Data Sheet
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1 Product Identification

Tradename:

3M(TM) PHOTO MOUNT(TM) ADHESIVE 6089/ 6090 / 6092/ 6094

Product ID:

CS-0406-7145-8 CS-0406-7176-3 62-4982-2926-9 62-4982-2929-3
62-4982-2934-3 62-4982-3730-4 62-4982-4826-9 62-4982-4830-1
62-4982-9930-4 62-4982-9935-3 62-4982-0926-1 62-4982-0933-7
62-4982-0934-5 62-4982-0937-8

Intended Use of Product:

Aerosol Adhesive

Division:

INDUSTRIAL ADHESIVES AND TAPES

2 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
HEPTANES	64742-49-0	35 - 45
PROPANE	74-98-6	20 - 30
NONVOLATILE COMPONENTS (NJTSR#)	Trade Secret	10 - 20

04499600-6453P)

ACETONE

67-64-1

10 - 20

ISOPROPYL ALCOHOL

67-63-0

0.5 - 1.5

NOTE:

NONVOLATILE COMPONENT is a Trade Secret material.

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

3 Hazards Identification

Critical Hazards:

Extremely flammable liquid and vapour.

Aerosol container contains flammable material under pressure.

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.

May be absorbed following inhalation and cause target organ effects.

May be absorbed following ingestion and cause target organ effects.

See Sections 7 and 11 for further information.

4 First Aid Measures

Instructions for Eye Contact:

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Instructions for Skin Contact:

Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

Instructions for Inhalation:

Remove person to fresh air. If signs/symptoms develop, get medical attention.

Instructions for Ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

5 Fire Fighting Measures

Flash point: -41.11 C TCC

Lower Explosive Limit (%): Not Available

Upper Explosive Limit (%): Not Available

Autoignition temperature: Not Available

Suitable Extinguishing Media:

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

Exposure Hazards during Fire:

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

Combustion Products from Fire:

Aldehydes - During Combustion;
Carbon monoxide - During Combustion;
Carbon dioxide - During Combustion;

Fire Fighting Procedures:

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

NFPA: Health	2
NFPA: Fire	4
NFPA: Reactivity	0
NFPA: Unusual Reaction Hazard	none

Special Instructions:

Aerosol container contains flammable material under pressure.

6 Accidental Release Measures

Personal Precautions:

No data available.

Spill Response:

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Close cylinder. If the cylinder can't be closed, place in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors. Collect the resulting residue containing solution. Dispose of collected material as soon as possible.

Methods for Disposal:

Discharge the resulting residue containing solution to a municipal or industrial wastewater treatment facility.

7 Handling and Storage

Storage Requirements:

No data available.

Incompatible Materials:

Store away from heat; Store out of direct sunlight. Store away from acids;

Ventilation:

No data available.

Fire Prevention:

No smoking while handling this material. Extremely flammable liquid

and vapour.

Explosion Prevention:

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition.

Use Instructions:

Vapours may ignite explosively. May cause flash fire. Prevent build-up of vapours - open all windows and doors. Maintain vapour concentrations below recommended exposure limits. Use only with cross-ventilation. Without adequate ventilation, vapours may settle in low-lying areas. Keep away from heat, sparks, and open flame. Do not smoke or ignite matches, lighters, etc.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact with vapours, mists, or spray. The following should be worn alone or in combination, as appropriate, to prevent eye contact: Safety glasses with side shields

Hand Protection:

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Skin Protection:

Avoid skin contact. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Respiratory Protection:

Avoid breathing of vapours, mists or spray. Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations: Half facepiece or fullface air-purifying respirator with organic vapor cartridges.

Ingestion (Prevention):

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating. Keep out of the reach of children.

Recommended Ventilation:

Use with appropriate local exhaust ventilation. Use in a well-ventilated area. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment. If exhaust ventilation is not available, use appropriate

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

Ingredient Exposure Data

HEPTANES (64742-49-0)

Specific Ingredient Data

No data available.

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

CMRG: TWA 50 ppm

PROPANE (74-98-6)

Specific Ingredient Data

No data available.

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

ACGIH: TWA 1000 ppm

NONVOLATILE COMPONENTS (NJTSR# 04499600-6453P) (Trade Secret)

Specific Ingredient Data

No data available.

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

No data available.

ACETONE (67-64-1)

LD50 (rat, oral)

5800 mg/kg

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

ACGIH: TWA 500 ppm (Table A4)

ACGIH: TWA 1780 mg/m3 (Table A4)

ACGIH: STEL 750 ppm (Table A4)

ACGIH: STEL 2380 mg/m3 (Table A4)

ISOPROPYL ALCOHOL (67-63-0)

LD50 (rat, oral)

5045 mg/kg

LD50 (dermal, rabbit)

12.9 g/kg

LC50 (rat, inhalation/4 hours)

17000 ppm

Exposure Limits

ACGIH: TWA 200 ppm (Table A4)

ACGIH: STEL 400 ppm

9 Physical and Chemical Properties

Physical form,Color,Odour:	Gas; Liquid in aerosol; clear; sweet, fruity odour.
Odour Threshold:	No data available.
pH:	Not Available
Boiling point/boiling range:	Compressed Gas;
Melting point/melting range:	Not Available
Vapour pressure:	Compressed Gas;
Water Solubility:	Nil
Specific gravity:	0.661 Water=1
Vapour density:	2.97 Air=1
Volatile organic compounds:	Approximately 69 %
Evaporation rate:	1.9 Ether=1
Viscosity:	Not applicable
Percent Volatile:	Approximately 85 % by weight

10 Stability and Reactivity

Conditions to Avoid:
Store away from heat; Store out of direct sunlight.

Materials to Avoid:
Store away from acids;

Hazardous Decomposition:
Aldehydes - During Combustion;
Carbon monoxide - During Combustion;
Carbon dioxide - During Combustion;

Stability and Reactivity:
Stable. Hazardous polymerization will not occur.

11 Toxicological Information

Effects from Eye Contact:
Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Effects from Skin Contact:
Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.

Effects from Inhalation:
Intentional concentration and inhalation may be harmful or fatal.
Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
May be absorbed following inhalation and cause target organ effects.

Effects from Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

Sensitization Information:

No data available.

Carcinogenicity:

No data available.

Mutagenicity:

No data available.

Reproductive Effects:

No data available.

Component Based Information:

No data available.

Product Based Information:

No data available.

Other Effects & Information:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

12 Ecological Information

Environmental Data:

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

13 Disposal Considerations

Product as Sold:

Incinerate uncured product in a permitted hazardous waste incinerator. Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility. The facility should be equipped to handle gaseous waste. Recycle empty aerosol containers where available.

Product Packaging:

No data available.

Special Instructions:

Since regulations vary, consult applicable regulations or authorities before disposal.

14 Transportation Information

Transportation of Dangerous Goods

TDG Classification: Consumer Commodity
Special Information:
Contact 3M for more information.

International Dangerous Goods Classification

15 Regulatory Information

WHMIS Classification: Exempt (Consumer Product)

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

TSCA - Toxic Substances Control Act (USA)
AICS - Australian Inventory of Chemical Substances
DSL - Domestic Substances List (Canada)
CICS - Chinese Inventory of Chemical Substances
EINECS - European Inventory of Existing Commercial Chemical Substances
KECI - Korean Existing Chemicals Inventory
MITI - Ministry of International Trade and Industry (JAPAN)
PICCS - Philippines Inventory of Commercial Chemical Substances

16 Other Information

Reason for Reissue:

Added product id(s) to the MSDS;

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or

application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

---End---