



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006) and its modifications

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1 Identification of the substance or preparation

3M SprayMount Adhesive.

#### 3M Product identification numbers

YP-2080-6050-6      YP-2080-6054-8

#### 1.2 Use of substance/preparation

Adhesive aerosol.

#### 1.3 Company/undertaking identification

**Address:** 3M United Kingdom PLC, 3M Centre, Cain Rd, Bracknell, Berkshire, RG12 8HT.  
**E Mail:** tox.uk@mmm.com  
**Website:** www.3M.com/uk/msds

#### 1.4 Emergency telephone number

+44 (0)1344 858 000

### 2. HAZARDS IDENTIFICATION

#### Indication of Danger:

Extremely Flammable  
Irritant

#### Risk of serious damage to eyes.

R12	Extremely flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.
R52/53	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

#### Other hazards:

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Nbr	EU Inventory	% by weight	Classification
Acetone	67-64-1	EINECS 200-662-2	25 - 40	F:R11; Xi:R36; R66; R67 (EU)
Naphtha (petroleum), hydrodesulphurised light, dearomatised	92045-53-9	EINECS 295-434-2	10 - 20	Carc.Cat..2:R45; Muta.Cat..2:R46; Xn:R65 - Nota 4,H,P (EU) F:R11; Xi:R38; N:R51/53; R67 (Vendor)
Butane	106-97-8	EINECS 203-448-7	10 - 20	F+:R12 - Nota C (EU)
Propane	74-98-6	EINECS 200-827-9	10 - 20	F+:R12 (EU)
Isobutane	75-28-5	EINECS 200-857-2	5 - 10	F+:R12 - Nota C (EU)
ACRYLATE POLYMER	Trade secret		5 - 10	
Naphtha (petroleum), hydrotreated light	64742-49-0	EINECS 265-151-9	5 - 10	Carc.Cat..2:R45; Muta.Cat..2:R46; Xn:R65 - Nota 4,H,P (EU) F:R11; N:R51/53 (Vendor) R66; R67 (3M Classified)
ALPHA-PINENE POLYMER	Trade secret		1 - 5	
Pentane	109-66-0	EINECS 203-692-4	1 - 5	F+:R12; Xn:R65; N:R51/53; R66; R67 - Nota 4,C (EU)
Isopentane	78-78-4	EINECS 201-142-8	0.5 - 1.5	F+:R12; Xn:R65; N:R51/53; R66; R67 - Nota 4,C (EU)

Please see section 16 for the full text of any R Phrases referred to under headings 2 and 3 of this safety data sheet.

### 4. FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

#### Inhalation:

Remove person to fresh air. Get immediate medical attention.

#### Skin Contact:

Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

#### Eye Contact:

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

#### If Swallowed:

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.

#### 4.2 Note to physicians

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

## 5. FIRE FIGHTING MEASURES

### Suitable extinguishing media

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

### Unsuitable extinguishing media

### Special Exposure hazards

Closed containers exposed to heat from fire may build pressure and explode. Extremely flammable liquid and vapour. Vapours may travel long distances along the ground or floor to an ignition source and flash back. Aerosol container contains flammable material under pressure.

### Special instructions for firefighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment and a self-contained breathing apparatus. Water may be used to blanket the fire.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Place leaking containers in a well-ventilated area, preferably in an exhaust hood, if available, or outdoors. 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. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard.

### Environmental procedures

For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water. Place in an approved metal container. Dispose of collected material as soon as possible.

### Methods for cleaning up

Refer to other sections of this Safety Data Sheet for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Contain spill. Cover spill area with a fire-extinguishing foam. An aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container.

## 7. HANDLING & STORAGE

### 7.1 Handling

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. Do not pierce or burn container, even after use. Do not spray near flames or sources of ignition. Avoid eye contact with vapours, mists, or spray. Aerosol container contains flammable gas under pressure. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep out of the reach of children.

## 7.2 Storage

Keep container in a well-ventilated area. Store away from heat. Store out of direct sunlight.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Exposure limit values

### UK HSC WEL

Ingredient	CAS Nbr	TWA	STEL	Additional comments
Butane	106-97-8	1450 mg/m <sup>3</sup> , 600 ppm	1810 mg/m <sup>3</sup> , 750 ppm	
Propane	74-98-6			Limit value not established
Pentane	109-66-0	1800 mg/m <sup>3</sup> , 600 ppm		
Isopentane	78-78-4	1800 mg/m <sup>3</sup> , 600 ppm		
Acetone	67-64-1	1210 mg/m <sup>3</sup> , 500 ppm	3620 mg/m <sup>3</sup> , 1500 ppm	

UK HSC WEL: Workplace exposure limits (WELs) which have been approved by the UK Health and Safety Commission.

TWA: Time-Weighted-Average - long term exposure limit measured or calculated in relation to a reference period of eight hours time-weighted-average

STEL: Short Term Exposure Limit – limit value above which exposure should not occur and is related to a 15 minute period, unless otherwise specified

ppm: parts per million by volume in air (ml/m<sup>3</sup>)

mg/m<sup>3</sup>: milligrams per cubic metre of air at 20°C and 101.3 Kpa

### 8.2.1 Occupational exposure controls

Do not use in a confined area or areas with little or no air movement. Do not remain in area where available oxygen may be reduced. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapour, or spray. If ventilation is not adequate, use respiratory protection equipment.

#### Respiratory protection

Avoid inhalation 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 supplied-air respirator.

Consult the current 3M Respiratory Selection Guide for additional information or contact 3M for technical assistance.

#### 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.

Not determined

#### Eye/face protection

Avoid eye contact with vapours, mists, or spray.

The following eye protection(s) are recommended: Indirect vented goggles.

### Skin protection

Avoid prolonged or repeated skin contact.

### Ingestion

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

### 8.2.2 Environmental exposure controls

No data available.

## 9. PHYSICAL/CHEMICAL PROPERTIES

### 9.1 General Information

Physical state	Liquid
Specific Physical Form:	Aerosol
Appearance/Odour	transparent - white liquid in aerosol, strong ketone odour

### 9.2 Important health safety and environmental information

pH	<i>Not applicable</i>
Boiling point/boiling range	<i>Not applicable</i>
Melting point	<i>Not applicable</i>
Flammability (solid, gas)	Not available
Explosive properties:	Not determined
Oxidising properties:	Not determined
Flash point	-46 °C
Flammable limits - LEL	<i>No data available.</i>
Flammable limits - UEL	<i>No data available.</i>
Vapour pressure	<i>No data available.</i>
Relative density	0.706 [ <i>Ref Std: WATER=1</i> ]
Water solubility	Negligible
Partition coefficient: n-octanol/water	<i>No data available.</i>
Evaporation rate	<i>No data available.</i>
Vapour density	>=1 [ <i>Ref Std: AIR=1</i> ]
Viscosity	<i>Not applicable</i>
Density	0.706 g/ml

### 9.3 Other information

Percent volatile	88.5 % weight
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## 10. STABILITY & REACTIVITY

Stable. Hazardous polymerisation will not occur.

### 10.1 Conditions to avoid

Sparks and/or flames.

Heat.

## 10.2 Materials to avoid

None known.

## 10.3 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	During Combustion
Carbon dioxide.	During Combustion

# 11. TOXICOLOGICAL INFORMATION

### 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.

Single exposure, above recommended guidelines, may cause:

- Cardiac Sensitisation: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

- May be absorbed following inhalation and cause target organ effects.

### Ingestion:

- Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. - May be absorbed following ingestion and cause target organ effects.

### Eye Contact:

- Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

### Skin Contact:

- Mild Skin Irritation: Signs/symptoms may include localised redness, swelling, and itching.

### Other Health Effects:

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

## Mutagenicity/genotoxicity

<u>Ingredient</u>	<u>CAS Nbr</u>	<u>Classification</u>	<u>Regulation</u>
Naphtha (petroleum), hydrodesulphurised light, dearomatised	92045-53-9	Muta. Cat. 2	Annex 1(67/548/EEC)
Naphtha (petroleum), hydrotreated light	64742-49-0	Muta. Cat. 2	Annex 1(67/548/EEC)

## Carcinogenicity

<u>Ingredient</u>	<u>CAS Nbr</u>	<u>Classification</u>	<u>Regulation</u>
Naphtha (petroleum), hydrotreated light	64742-49-0	Carc. Cat. 2	Annex 1(67/548/EEC)

Naphtha (petroleum), hydrodesulphurised light, 92045-53-9  
dearomatised

Carc. Cat. 2

Annex 1(67/548/EEC)

## **12. ECOLOGICAL INFORMATION**

One or more components of this product have significant known or predicted environmental hazards, but a conservative assessment indicates a low environmental risk. Intended use and proper disposal are unlikely to cause the environmentally hazardous component(s) to enter the environment in quantities or by routes that could cause the adverse environmental impacts.

### **12.1: Ecotoxicity**

### **12.2: Mobility**

Please contact 3M for more details.

### **12.3: Persistence and degradability**

### **12.4: Bioaccumulative potential**

### **12.5: Results of PBT assessment**

No data available at this time, contact 3M for more details.

### **12.6: Other adverse effects**

## **13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Dispose of waste product in a permitted hazardous waste facility. Facility must be capable of handling aerosol cans. Dispose of empty product containers in a sanitary landfill.

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

## 14. TRANSPORTATION INFORMATION

YP-2080-6050-6, YP-2080-6054-8

**ADR/RID:** UN1950, AEROSOLS, LIMITED QUANTITY, (NOT APPLICABLE), 2.1, (D), ADR Classification Code: 5F.

**IMDG-CODE:** UN1950, AEROSOLS, (NOT APPLICABLE), 2.1, LIMITED QUANTITY, EMS: FD,SU.

**ICAO/IATA:** UN1950, AEROSOLS, FLAMMABLE, (NOT APPLICABLE), 2.1.

## 15. REGULATORY INFORMATION

### Symbols:

F+	Extremely Flammable
Xi	Irritant

### Contains:

No ingredients are assigned to the label.

### Risk of serious damage to eyes.

R12	Extremely flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.
R52/53	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### Safety phrases:

S16	Keep away from sources of ignition - No Smoking.
S2	Keep out of the reach of children.
S23C	Do not breathe vapor or spray.
S51	Use only in well ventilated areas.
S24	Avoid contact with skin.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

### Special provisions concerning the labelling of certain substances:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 degrees C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

### Notes on labelling:



R65 is not required on the label because the product is an aerosol.

Nota P applied to CAS 92045-53-9 and 64742-49-0.

## **16. OTHER INFORMATION**

### **List of relevant R-phrases**

R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R45	May cause cancer.
R46	May cause heritable genetic damage.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R65	Harmful: May cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

### **Restrictions on use:**

### **Global inventory status**

### **Revision information:**

No revision information is available.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

**3M UK Safety Data Sheets are available at [www.3M.com/uk/msds](http://www.3M.com/uk/msds)**