



Safety Data Sheet

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

3M SprayMount Adhesive.

3M Product identification numbers

YP-2080-6050-6 YP-2080-6054-8 YP-2080-6195-9 YP-2080-6196-7

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Adhesive aerosol.

1.3. Details of the supplier of the substance or mixture

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

1.4. Emergency telephone number

+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

Indication of danger

Extremely flammable.
Irritant.

3M SprayMount Adhesive.

2.2. Label elements

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

Symbols

F+ Extremely flammable.
Xi Irritant.

Contains:

No ingredients are assigned to the label.

Risk phrases

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 vapour 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

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °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.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Acetone	67-64-1	EINECS 200-662-2	25 - 40	F:R11; Xi:R36; R66; R67 (EU) Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 (CLP)

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Butane	106-97-8	EINECS 203-448-7	10 - 20	F+:R12 - Nota C (EU) Flam. Gas 1, H220; Compressed gas, H280 - Nota C,U (CLP)
Propane	74-98-6	EINECS 200-827-9	10 - 20	F+:R12 (EU) Flam. Gas 1, H220; Compressed gas, H280 - Nota U (CLP)
Naphtha (petroleum), hydrodesulphurised light, dearomatised	92045-53-9	EINECS 295-434-2	10 - 20	Xn:R65 - Nota 4,H,P (EU) F:R11; Xi:R38; N:R51/53; R67 (Vendor) Asp. Tox. 1, H304 - Nota H,P (CLP) Flam. Liq. 2, H225; Skin Irrit. 2, H315; STOT SE 3, H336; Aquatic Chronic 2, H411 (Vendor)
Non-volatiles	Trade Secret		7 - 13	
Naphtha (petroleum), hydrotreated light	64742-49-0	EINECS 265-151-9	5 - 10	Xn:R65 - Nota 4,H,P (EU) F:R11; N:R51/53 (Vendor) R66; R67 (3M) Asp. Tox. 1, H304 - Nota H,P (CLP) Flam. Liq. 2, H225; Aquatic Chronic 2, H411 (Vendor) STOT SE 3, H336 (3M)
Isobutane	75-28-5	EINECS 200-857-2	5 - 10	F+:R12 - Nota C (EU) Flam. Gas 1, H220; Compressed gas, H280 - Nota C,U (CLP)
Pentane	109-66-0	EINECS 203-692-4	1 - 5	F+:R12; Xn:R65; N:R51/53; R66; R67 - Nota 4,C (EU) Flam. Liq. 2, H225; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 2, H411 - Nota C (CLP)
2-methyl butane	78-78-4	EINECS 201-142-8	0.5 - 1.5	F+:R12; Xn:R65; N:R51/53; R66; R67 - Nota 4,C (EU) Flam. Liq. 1, H224; Asp. Tox. 1, H304; STOT SE 3, H336; Aquatic Chronic 2, H411 (CLP)

Please see section 16 for the full text of any R phrases and H statements referred to in this section

Please refer to section 15 for the any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures**

3M SprayMount Adhesive.

Eye contact

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

Skin contact

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

Inhalation

Remove person to fresh air. Get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

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

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

In case of fire: Use a fire fighting agent suitable for flammable liquids or gases such as dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

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

5.3. Advice for fire-fighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate the area with fresh air.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Seal the container. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Keep out of reach of children. Avoid eye contact. Do not breathe dust/fume/gas/mist/vapours/spray. Vapours may travel long distances along the ground or floor to an ignition source and flash back. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Store away from acids. Store away from oxidising agents.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Butane	106-97-8	Health and Safety Comm. (UK)	TWA:1450 mg/m ³ (600 ppm);STEL:1810 mg/m ³ (750 ppm)	
Pentane	109-66-0	Health and Safety Comm. (UK)	TWA:1800 mg/m ³ (600 ppm)	
Acetone	67-64-1	Health and Safety Comm. (UK)	TWA:1210 mg/m ³ (500 ppm);STEL:3620 mg/m ³ (1500 ppm)	
Propane	74-98-6	Health and Safety Comm. (UK)	Limit value not established:	asphyxiant
2-methyl butane	78-78-4	Health and Safety Comm. (UK)	TWA:1800 mg/m ³ (600 ppm)	

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m³: milligrams per cubic metre

CELL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

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 relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

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Eye/face protection

Wear eye/face protection.

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

Skin/hand protection

Wear protective gloves.

Gloves made from the following material(s) are recommended: Butyl rubber.

Polymer laminate

Respiratory protection

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Specific Physical Form:	Aerosol
Appearance/Odour	transparent - white liquid in aerosol, strong ketone odour
pH	<i>Not applicable.</i>
Boiling point/boiling range	<i>Not applicable.</i>
Melting point	<i>Not applicable.</i>
Flammability (solid, gas)	Not classified
Explosive properties	Not classified
Oxidising properties	Not classified
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

9.2. Other information

Percent volatile	88.5 % weight
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SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Sparks and/or flames.

Heat.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
None known.	

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health 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

Contact with the skin during product use is not expected to result in significant irritation. Dermal Defatting: Signs/symptoms may include localised redness, itching, drying and cracking of skin.

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Intentional concentration and inhalation may be harmful or fatal.

Ingestion

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

Target Organ Effects:

Cardiac sensitisation: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal. Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination,

3M SprayMount Adhesive.

nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Toxicological Data**Acute Toxicity**

Name	Route	Species	Value	UN GHS Classification
Acetone			No data available	
Propane			No data available	
Butane			No data available	
Isobutane			No data available	
Naphtha (petroleum), hydrodesulphurised light, dearomatised			No data available	
Naphtha (petroleum), hydrotreated light			No data available	
Non-volatiles			No data available	
Pentane			No data available	
2-methyl butane			No data available	

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to cause no significant irritation	Not classified
Acetone		Minimal irritation	Not classified
Propane		No data available	
Butane		No data available	
Isobutane		No data available	
Naphtha (petroleum), hydrodesulphurised light, dearomatised		No data available	
Naphtha (petroleum), hydrotreated light		No data available	
Non-volatiles		No data available	
Pentane		No data available	
2-methyl butane		No data available	

Serious Eye Damage/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be severe irritant	Category 2A
Acetone		Severe irritant	Category 2A
Propane		No data available	
Butane		No data available	
Isobutane		No data available	
Naphtha (petroleum), hydrodesulphurised light, dearomatised		No data available	
Naphtha (petroleum), hydrotreated light		No data available	
Non-volatiles		No data available	
Pentane		No data available	
2-methyl butane		No data available	

3M SprayMount Adhesive.**Skin Sensitisation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
Acetone		No data available	
Propane		No data available	
Butane		No data available	
Isobutane		No data available	
Naphtha (petroleum), hydrodesulphurised light, dearomatised		No data available	
Naphtha (petroleum), hydrotreated light		No data available	
Non-volatiles		No data available	
Pentane		No data available	
2-methyl butane		No data available	

Respiratory Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
Acetone		No data available	
Propane		No data available	
Butane		No data available	
Isobutane		No data available	
Naphtha (petroleum), hydrodesulphurised light, dearomatised		No data available	
Naphtha (petroleum), hydrotreated light		No data available	
Non-volatiles		No data available	
Pentane		No data available	
2-methyl butane		No data available	

Germ Cell Mutagenicity

Name	Route	Value	UN GHS Classification
Overall product		No data available	Overall Germ Cell Mutagenicity classification Not classified
Overall product		No test data available.	
Acetone		No data available	
Propane		No data available	
Butane		No data available	
Isobutane		No data available	
Naphtha (petroleum), hydrodesulphurised light, dearomatised		No data available	
Naphtha (petroleum), hydrotreated light		No data available	
Non-volatiles		No data available	
Pentane		No data available	
2-methyl butane		No data available	

Carcinogenicity

Name	Route	Species	Value	UN GHS Classification
Overall product			No test data available.	Not classified based on component data
Acetone			No data available	
Propane			No data available	

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Butane			No data available	
Isobutane			No data available	
Naphtha (petroleum), hydrodesulphurised light, dearomatised			No data available	
Naphtha (petroleum), hydrotreated light			No data available	
Non-volatiles			No data available	
Pentane			No data available	
2-methyl butane			No data available	

Reproductive Toxicity**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product		No test data available.				Not classified based on component data
Acetone		No data available				
Propane		No data available				
Butane		No data available				
Isobutane		No data available				
Naphtha (petroleum), hydrodesulphurised light, dearomatised		No data available				
Naphtha (petroleum), hydrotreated light		No data available				
Non-volatiles		No data available				
Pentane		No data available				
2-methyl butane		No data available				

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product			No test data available.				Category 1 based on component data
Acetone	Inhalation	central nervous system depression	May cause drowsiness or dizziness		LOAEL 0.6 mg/l		Category 3
Acetone	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		Irritation Positive		Not classified
Acetone	Ingestion	central nervous	May cause drowsiness or		NOAEL N/A		Category 3

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		system depression	dizziness				
Propane	Inhalation	cardiac sensitization	Causes damage to organs		LOAEL 100,000 ppm		Category 1
Propane	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A		Category 3
Butane	Inhalation	cardiac sensitization	Causes damage to organs		NOAEL N/A		Category 1
Butane	Inhalation	central nervous system depression	May cause drowsiness or dizziness		LOAEL 10,000 ppm		Category 3
Isobutane	Inhalation	cardiac sensitization	Causes damage to organs		NOAEL N/A		Category 1
Isobutane	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A		Category 3
Naphtha (petroleum), hydrodesulphurised light, dearomatized			No data available				
Naphtha (petroleum), hydrotreated light	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A		Category 3
Non-volatiles			No data available				
Pentane	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A		Category 3
2-methyl butane	Inhalation	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A		Category 3

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
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Overall product			No test data available.				Not classified based on component data
Acetone			No data available				
Propane			No data available				
Butane			No data available				
Isobutane			No data available				
Naphtha (petroleum), hydrodesulphurised light, dearomatised			No data available				
Naphtha (petroleum), hydrotreated light			No data available				
Non-volatiles			No data available				
Pentane			No data available				
2-methyl butane			No data available				

Aspiration Hazard

Name	Value	UN GHS Classification
Overall product	No test data available.	Not classified based on component and/or viscosity data
Acetone	Not an aspiration hazard	Not classified
Propane	Not an aspiration hazard	Not classified
Butane	Not an aspiration hazard	Not classified
Isobutane	Not an aspiration hazard	Not classified
Naphtha (petroleum), hydrodesulphurised light, dearomatised	Not an aspiration hazard	Not classified
Naphtha (petroleum), hydrotreated light	Aspiration hazard	Category 1
Non-volatiles	Not an aspiration hazard	Not classified
Pentane	Aspiration hazard	Category 1
2-methyl butane	Aspiration hazard	Category 1

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an

3M SprayMount Adhesive.

ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

No product test data available.

No component test data available.

12.2. Persistence and degradability

No test data available.

12.3 : Bioaccumulative potential

No test data available.

12.4. Mobility in soil

Please contact 3M for more details.

12.5. Results of the PBT and vPvB assessment

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

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations

Facility must be capable of handling aerosol cans. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility. Incinerate in a permitted hazardous waste incinerator.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

- 16 05 04* Gases in pressure containers (including halons) containing dangerous substances
- 20 01 27* Paint, inks, adhesives and resins containing dangerous substances

SECTION 14: Transportation information

YP-2080-6050-6, YP-2080-6054-8, YP-2080-6195-9, YP-2080-6196-7

ADR/RID: UN1950, AEROSOLS, LIMITED QUANTITY, 2.1, (D), ADR Classification Code: 5F.

IMDG-CODE: UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, EMS: FD,SU.

ICAO/IATA: UN1950, AEROSOLS, FLAMMABLE, 2.1.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global inventory status

Contact 3M for more information.

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

H220	Extremely flammable gas.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

List of relevant R-phrases

R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
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.

Revision information:

Revision Changes:

Supersedes date text was modified.

Section 3: Composition/ Information of ingredients table was modified.

Section 13: EU waste code (product as sold) information was modified.

Aspiration Hazard Table was modified.

Carcinogenicity Table was modified.

Serious Eye Damage/Irritation Table was modified.

Germ Cell Mutagenicity Table was modified.

Skin Sensitisation Table was modified.

Respiratory Sensitisation Table was modified.

Reproductive Toxicity Table was modified.

Skin Corrosion/Irritation Table was modified.

Target Organs - Repeated Table was modified.

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Target Organs - Single Table was modified.

Section 2: Notes on labelling heading was added.

Section 13: EU waste code (product container after use) heading was deleted.

Section 13: EU waste code (product container after use) information was deleted.

DISCLAIMER: The information on this Safety Data Sheet is based on 3M's experience and is correct to the best of 3M's knowledge at the date of publication. 3M does not accept 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 United Kingdom MSDSs are available at www.3M.com/uk