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Material Safety Data Sheet
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1 Chemical Product and Company Identification

Tradename:
3M BRAND SUPER WEATHERSTRIP ADHESIVE PN 80010
Product ID:
CS-0406-0271-9 CS-0406-1428-4 CS-0406-2167-7
Intended Use of Product:
Adhesive
Division:
3M CANADA COMPANY

2 Hazards Identification

Critical Hazards:
Flammable liquid and vapour.
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.
Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.
Allergic Respiratory Reaction: Signs/symptoms can include difficulty breathing, wheezing, cough, and tightness of chest.
May be absorbed through skin and cause target organ effects.
May be absorbed following inhalation and cause target organ effects.
May be absorbed following ingestion and cause target organ effects.
TOLUENE (108-88-3): can cause birth defects or other reproductive

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harm.

High exposures to xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus. These effects were often at levels toxic to the mother. The significance of these findings to humans has not been determined.

WARNING: Contains a chemical which can cause cancer. (CAS

100-41-4) (IARC possible human carcinogen 2B)
See Sections 7 and 11 for further information.

3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
NAPHTHA (PETROLEUM), SOLVENT-REFINED LIGHT	64741-84-0	15 - 40
METHYL ETHYL KETONE	78-93-3	10 - 30
HEXANE	110-54-3	10 - 20
POLYCHLOROPRENE	9010-98-4	10 - 20
PHENOLIC FORMALDEHYDE RESIN	Trade Secret	10 - 20
HEPTANE	142-82-5	3 - 7
METHYLCYCLOPENTANE	96-37-7	3 - 7
TOLUENE	108-88-3	3 - 7
MAGNESIUM OXIDE	1309-48-4	3 - 7
2-METHYLPENTANE	107-83-5	1 - 5
3-METHYLPENTANE	96-14-0	1 - 5
CYCLOHEXANE	110-82-7	1 - 2
XYLENE	1330-20-7	0.1 - 0.9
ROSIN	8050-09-7	0.1 - 0.7
ETHYLBENZENE	100-41-4	0.1 - 0.2

NOTE:

PHENOLIC FORMALDEHYDE RESIN is a Trade Secret material which is not controlled according to WHMIS criteria.

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

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. Wash affected area with soap and water. If signs/symptoms develop, get medical attention. Wash contaminated clothing and clean shoes before reuse.

Instructions for Inhalation:

If signs/symptoms develop, remove person to fresh air. If

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signs/symptoms persist, get medical attention.

Instructions for Ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Get medical attention.

5 Fire Fighting Measures

Flash point: ? -21.1 C TCC

Lower Explosive Limit (%): 1 %

Upper Explosive Limit (%): 11.5 %

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;
Hydrocarbons - During Combustion;
Carbon monoxide - During Combustion;
Carbon dioxide - During Combustion;
Toxic Vapour, Gas, Particulate - During Combustion;
Unusual Fire and Explosion Hazards
Extremely flammable liquid and vapour.
Fire Fighting Procedures:
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 (Bunker Gear) and a self-contained breathing apparatus (SCBA).

NFPA: Health 2
NFPA: Fire 3
NFPA: Reactivity 0
NFPA: Unusual Reaction Hazard

none

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

6 Accidental Release Measures

Personal Precautions:

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 vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors 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 dikes to prevent entry into sewer systems or bodies of water. Place in a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Methods for cleaning up

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill. 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 authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Seal the container.

Spill Response:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation,

and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

7 Handling and Storage

Storage Requirements:

No data available.

Incompatible Materials:

Store away from heat;

Store out of direct sunlight.

Sparks and/or Flames;

Store away from acids;

Light;

Store away from oxidizing agents.

Ventilation:

Keep container in well-ventilated area.

Fire Prevention:

Extremely flammable liquid and vapour. No smoking while handling this material.

Explosion Prevention:

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

Static Prevention:

Avoid static discharge.

Use Instructions:

For industrial or professional use only.

Keep container tightly closed. Decontaminate work surfaces frequently to avoid exposure by contact.

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:

Indirect vented goggles;

Hand Protection:

Wear appropriate gloves when handling this material.

The following glove material(s) are recommended:

fluoroelastomer (Viton);

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.

The following protective clothing material(s) are recommended:

Apron - Polyethylene/ethylene vinyl alcohol

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 and P95 particulate prefilters

Ingestion (Prevention):

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

Recommended Ventilation:

Provide appropriate local exhaust ventilation on open containers.
Do not use in a confined area or areas with little or no air
movement.

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.

Ingredient Exposure Data

NAPHTHA (PETROLEUM), SOLVENT-REFINED LIGHT (64741-84-0)

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.

METHYL ETHYL KETONE (78-93-3)

LD50 (rat, oral) 2737 mg/kg

LD50 (dermal, rabbit) 6480 mg/kg

LC50 (rat, inhalation/4 hours) 33,200 mg/m³

Exposure Limits

ACGIH: TWA 200 ppm

ACGIH: STEL 300 ppm

HEXANE (110-54-3)

LD50 (rat, oral) 28710 mg/kg

LC50 (rat, inhalation/4 hours) 48000 ppm

Exposure Limits

ACGIH: TWA 50 ppm (skin contact contributes to exposure)

POLYCHLOROPRENE (9010-98-4)

LD50 (rat, oral) > 40 g/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

PHENOLIC FORMALDEHYDE RESIN (Trade Secret)

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

HEPTANE (142-82-5)

LD50 (rat, oral) > 15000 mg/kg

LC50 (rat, inhalation/4 hours) 103 g/m³

Exposure Limits

ACGIH-TWA: 400 ppm

ACGIH-TWA: 400 ppm Category: (Heptane)

ACGIH-TWA: 400 ppm Category: Heptane, all isomers

ACGIH: STEL 500 ppm

ACGIH: STEL 500 ppm Category: (Heptane)

ACGIH: STEL 500 ppm Category: Heptane, all isomers

METHYLCYCLOPENTANE (96-37-7)

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

TOLUENE (108-88-3)
LD50 (rat, oral) 636 mg/kg
LD50 (dermal, rabbit) 14100 uL/kg
LC50 (rat, inhalation/4 hours) LC50 (female rat, inhalation/4 hours vapour):
19.0 mg/l

Exposure Limits
ACGIH: TWA 20 ppm (Table A4)
CMRG: STEL 75 ppm (Skin contact contributes to exposure)

MAGNESIUM OXIDE (1309-48-4)
LD50 (rat, oral) No data available.
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits
ACGIH: TWA 10 mg/m3; inhalable fraction

2-METHYLPENTANE (107-83-5)
Specific Ingredient Data
No data available.
LD50 (rat, oral) No data available.
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits
ACGIH: TWA 500 ppm Category: HEXANE (ISOMERS OTHER THAN N-HEXANE)
ACGIH: STEL 1000 ppm Category: HEXANE (ISOMERS OTHER THAN N-HEXANE)

3-METHYLPENTANE (96-14-0)
Specific Ingredient Data
No data available.
LD50 (rat, oral) No data available.
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits
ACGIH: TWA 500 ppm Category: HEXANE (ISOMERS OTHER THAN N-HEXANE)
ACGIH: STEL 1000 ppm Category: HEXANE (ISOMERS OTHER THAN N-HEXANE)

CYCLOHEXANE (110-82-7)
LD50 (rat, oral) 12,705 mg/kg
LC50 (rat, inhalation/4 hours) 13.9 mg/l

Exposure Limits
ACGIH: TWA 100 ppm

XYLENE (1330-20-7)
LD50 (rat, oral) 3523 mg/kg
LD50 (dermal, rabbit) > 1700 mg/kg
LC50 (rat, inhalation/4 hours) 5000 ppm

Exposure Limits
ACGIH: TWA 100 ppm (Table A4)
ACGIH: TWA 434 mg/m3 (Table A4)
ACGIH: STEL 150 ppm (Table A4)
ACGIH: STEL 651 mg/m3 (Table A4)
CMRG: TWA 50 ppm
CMRG: STEL 75 ppm

ROSIN (8050-09-7)
LD50 (rat, oral) 7600 mg/kg
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits
ACGIH: TWA 0 ppm Sensitizer;

ETHYLBENZENE (100-41-4)
LD50 (rat, oral) 3500 mg/kg
LD50 (dermal, rabbit) 17800 uL/kg
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits
ACGIH: TWA 20 ppm (Table A3)
CMRG: TWA 25 ppm
CMRG: STEL 75 ppm

9 Physical and Chemical Properties

Physical form,Color,Odour:	Liquid; yellow; sweet petroleum odour;
Odour Threshold:	No data available.
pH:	Not Available
Boiling point/boiling range:	64.4 - 87.2 C
Melting point/melting range:	Not Available
Vapour pressure:	<= 27 psi at 55 C
Water Solubility:	Slight
Partition coefficient (K o/w):	Not Available
Specific gravity:	? 0.876 Water=1
Vapour density:	Not Available
Volatile organic compounds:	Not Available
Evaporation rate:	Not Available
Viscosity:	3995 - 6849.3 centistoke at 23 C

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Percent Volatile: ? 63 % by weight

10 Stability and Reactivity

Conditions to Avoid:

Heat;
Store out of direct sunlight.
Sparks and/or Flames;
Light;

Materials to Avoid:

Strong oxidizing agents;
Strong acids;

Hazardous Decomposition:

Aldehydes - During Combustion;
Hydrocarbons - During Combustion;
Carbon monoxide - During Combustion;
Carbon dioxide - During Combustion;
Toxic Vapour, Gas, Particulate - 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.
Prolonged or repeated exposure may cause: Ocular Effects:
Signs/symptoms may include blurred or significantly impaired vision.

Effects from Skin Contact:

Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.
Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Effects from Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
Allergic Respiratory Reaction: Signs/symptoms can include difficulty breathing, wheezing, cough, and tightness of chest.
May be absorbed following inhalation and cause target organ effects.
Prolonged or repeated exposure may cause: Respiratory Effects:
Signs/symptoms may include cough, shortness of breath, chest

tightness, wheezing, increased heart rate, bluish colored skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.
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:
Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.
Allergic Respiratory Reaction: Signs/symptoms can include difficulty breathing, wheezing, cough, and tightness of chest.
Carcinogenicity:
WARNING: Contains a chemical which can cause cancer. (CAS 100-41-4) (IARC possible human carcinogen 2B)
Mutagenicity:
No data available.
Reproductive Effects:
TOLUENE (108-88-3): can cause birth defects or other reproductive harm.
High exposures to xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus. These effects were often at levels toxic to the mother. The significance of these findings to humans has not been determined.
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.
Prolonged or repeated exposure may cause:
Auditory Effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears.
Liver Effects: Signs/symptoms may include loss of appetite, weight loss, fatigue, weakness, abdominal tenderness and jaundice.
Peripheral Neuropathy: Signs/symptoms may include tingling or numbness of the extremities, incoordination, weakness of the hands and feet, tremors and muscle atrophy.
Olfactory Effects: Signs/symptoms may include decreased ability to detect odors and/or complete loss of smell.
Neurological Effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and/or changes in blood pressure and heart rate.
Kidney/Bladder Effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

12 Ecological Information

Environmental Data:
Ecotoxicity Data:
Not determined.

Ecofate Data:
Not determined.

13 Disposal Considerations

Product as Sold:

Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

Product Packaging:

No data available.

Special Instructions:

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

14 Transport Information

Transportation of Dangerous Goods

TDG Classification:

Consumer Commodity

Special Information:: Contact 3M for more information.

These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for Canadian ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

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15 Regulatory Information

WHMIS Classification:

B2, D2A, D2B

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:

AICS - Australian Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

EINECS - European Inventory of Existing Commercial Chemical Substances

KECI - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Commercial Chemical Substances

TSCA - Toxic Substances Control Act (USA)

CICS - Chinese Inventory of Chemical Substances

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:
Section 3 - Composition/Information on Ingredients;

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---