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Material Safety Data Sheet
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1 Product Identification

Tradename:

3M(TM) ADHESIVE REMOVER, CITRUS BASE, AEROSOL 6040/6041

Product ID:

62-4667-2925-8 62-4667-2928-2 62-4667-4930-6 62-4667-2930-8
62-4667-2935-7 62-4667-4935-5

Intended Use of Product:

Adhesive remover

Division:

ADHESIVES DIVISION

2 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
Citrus Extract	5989-27-5	80 - 90
PROPANE	74-98-6	10 - 20
ISOBUTANE	75-28-5	< 0.3

Ingredient Statements:

IN CASE OF EMERGENCY: THE NUMBER AT THE TOP OF THIS PAGE PROVIDES 24

3 Hazards Identification

Critical Hazards:

Extremely flammable liquid and vapour.

Moderate Eye Irritation: Signs/symptoms may include redness,

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swelling, pain, tearing, and blurred or hazy vision.

Moderate Skin Irritation (after prolonged or repeated contact):
signs/symptoms can include redness, swelling, itching, and dryness.

Inhalation may cause: Central Nervous System Depression:
signs/symptoms can include headache, dizziness, drowsiness,
incoordination, slowed reaction time, slurred speech, giddiness and
unconsciousness.

See Sections 7 and 11 for further information.

4 First Aid Measures

Instructions for Eye Contact:

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

Instructions for Skin Contact:

Flush skin with large amounts of water. If irritation persists, get
medical attention.

Instructions for Inhalation:

If signs/symptoms occur, remove person to fresh air. If
signs/symptoms continue, call a physician.

Instructions for Ingestion:

Do not induce vomiting. Drink two glasses of water. Call a
physician.

5 Fire Fighting Measures

Flash point:	-45.6 C
Lower Explosive Limit (%):	2.1 % by volume propane;
Upper Explosive Limit (%):	9.5 % by volume propane;

Autoignition temperature: Not available

Suitable Extinguishing Media:

Water spray; Carbon Dioxide; Dry chemical; Foam;

Exposure Hazards during Fire:

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

Combustion Products from Fire:

Carbon monoxide and carbon dioxide; Aldehydes; Ketones; Hydrocarbons;

Fire Fighting Procedures:

Wear full protective clothing, including helmet, self-contained, 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. Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

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NFPA: Health	2
NFPA: Fire	4
NFPA: Reactivity	1
NFPA: Unusual Reaction Hazard	none
NFPA: Aerosol Storage	Level 2

6 Accidental Release Measures

Personal Precautions:

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

Spill Response:

Ventilate the area with fresh air. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Cover with absorbent material. Collect as much of the spilled material as possible using non-sparking tools. Place in an approved container and seal.

Methods for 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 product containers in a sanitary landfill. Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes.

7 Handling and Storage

Storage Requirements:

Store at temperatures below 120 degrees F (49 degrees C).

Incompatible Materials:

Store out of direct sunlight. Heat;

Ventilation:

No data available.

Fire Prevention:

Aerosol container contains flammable gas under pressure. 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.

Use Instructions:

Do not pierce or burn container, even after use.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact with vapours, mists, or spray. Safety glasses with side shields

Skin Protection:

Avoid prolonged or repeated skin contact.

Respiratory Protection:

Avoid breathing of vapours, mists or spray.

Ingestion (Prevention):

Do not ingest. Keep out of the reach of children.

Recommended Ventilation:

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

Ingredient Exposure Data

Citrus Extract (5989-27-5)

LD50 (rat, oral):: 4400 mg/kg

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

Inventory Certifications:: AICS - Australian Inventory of Chemical Substances

CICS - Chinese Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

2278135 EINECS - European Inventory of Existing Commercial Chemical Substances

KE-24397 KECI - Korean Existing Chemicals Inventory

3-2226; 3-2245 MITI - Ministry of International Trade and Industry (JAPAN)

PICCS - Philippines Inventory of Commercial Chemical Substances

TSCA - Toxic Substances Control Act (USA)

Exposure Limits:: 30 ppm AIHA: TWA

EU Hazard Symbols and Risk Phrases:: EU - Adaptation 24 (N,Xi; R: 10-38-43-50- 53)

EU Nota:: C

PROPANE (74-98-6)

Specific Ingredient Data: No data available.

LD50 (rat, oral):: No data available.

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

PIN (Product Identification Number):: UN 1978

Inventory Certifications:: TSCA - Toxic Substances Control Act (USA)

PICCS - Philippines Inventory of Commercial Chemical Substances

2-3 MITI - Ministry of International Trade and Industry (JAPAN)

2008279 EINECS - European Inventory of Existing Commercial Chemical Substances

KE-29258 KECI - Korean Existing Chemicals Inventory
CICS - Chinese Inventory of Chemical Substances
DSL - Domestic Substances List (Canada)
AICS - Australian Inventory of Chemical Substances
Exposure Limits:: ACGIH: TWA 2500 ppm
EU Hazard Symbols and Risk Phrases:: EU - Adaptation 21 (F+; R:12)

ISOBUTANE (75-28-5)

LD50 (rat, oral):: No data available.
LC50 (rat, inhalation/4 hours):: No data available.
PIN (Product Identification Number):: UN 1969
Inventory Certifications:: AICS - Australian Inventory of Chemical Substances
DSL - Domestic Substances List (Canada)
KE-24865 KECI - Korean Existing Chemicals Inventory
PICCS - Philippines Inventory of Commercial Chemical Substances
CICS - Chinese Inventory of Chemical Substances
2-4 MITI - Ministry of International Trade and Industry (JAPAN)
2008572 EINECS - European Inventory of Existing Commercial Chemical Substances
TSCA - Toxic Substances Control Act (USA)
Exposure Limits:: No data available.
EU Hazard Symbols and Risk Phrases:: EU - Adaptation 21 (F+; R:12)
EU Nota:: C

9 Physical and Chemical Properties

Physical form,Color,Odour:	liquid in aerosol container; clear; pale yellow; sweet odour;
Odour Threshold:	No data available.
pH:	Not applicable
Boiling point/boiling range:	Compressed Gas;
Melting point/melting range:	Not available
Vapour pressure:	Compressed Gas;
Water Solubility:	Nil
Partition coefficient (K o/w):	No data available.
Specific gravity:	0.793 Water=1
Vapour density:	Not applicable

Volatile organic compounds:	Approximately 100 % SCAQ443
Evaporation rate:	Not available
Viscosity:	Not applicable

10 Stability and Reactivity

Conditions to Avoid:

None known.

Materials to Avoid:

Heat;

Hazardous Decomposition:

Carbon monoxide and carbon dioxide; Aldehydes; Ketones;
Hydrocarbons;

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 (after prolonged or repeated contact): signs/symptoms can include redness, swelling, itching, and dryness.

Effects from 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. Upper

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion:

Ingestion is not a likely route of exposure to this product.

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.

12 Ecological Information

Environmental Data:

Ecotoxicity Data:

No data available.

Ecofate Data:

Other Effects and Information:

Not determined.

Chemical analysis of 3M Citrus Base Adhesive Remover yielded the following data:

Chloride < 10 ppm

Fluoride < 1 ppm

Sulfur < 4 ppm

Total Halogen < 10 ppm

13 Disposal Considerations

Product as Sold:

No data available.

Product Packaging:

No data available.

Special Instructions:

Recycle empty aerosol containers where available.

14 Transportation Information

Transportation of Dangerous Goods

TDG Classification:

Consumer Commodity by ground
Regulated by Air and Ocean

15 Regulatory Information

WHMIS Classification:

A, B5, 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.

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Product Certifications:

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

CICS - Chinese Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

PICCS - Philippines Inventory of Commercial Chemical Substances

KTCCL - Korean Toxic Chemical Control Law

TSCA - Toxic Substances Control Act (USA)

EINECS - European Inventory of Existing Commercial Chemical Substances

AICS - Australian Inventory of Chemical Substances

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:
Formulation revision.

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