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MATERIAL SAFETY DATA SHEET
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This MSDS has been prepared by 3M Australia Pty Ltd Toxicology
Dept.

1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
SCOTCH BRAND 700 ADHESIVE CLEANER AND SOLVENT

DIVISION
INTERNATIONAL OPERATIONS

3M Product ID
0168773

RECOMMENDED USE: Cleanup and adhesive and surface
preparation

2 HAZARDS IDENTIFICATION

NOTE: HAZARDOUS SUBSTANCE. DANGEROUS GOODS

POISONS SCHEDULE Not applicable.

Symbols
F+ (Extremely Flammable) Xn (Harmful) N (Dangerous to
Environment)

Risk Codes and Phrases
R12 Extremely flammable.
R48/20 Harmful: Danger of serious damage to health by prolonged
exposure through inhalation.
R67 Vapours may cause drowsiness and dizziness.
R38 Irritating to skin.
R63 Possible risk of harm to the unborn child.

R50/53 Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Safety Codes and Phrases

S16 Keep away from sources of ignition - No smoking.
S23C Do not breathe vapour or spray.
S51 Use only in well ventilated areas.
S24/25 Avoid contact with the skin and eyes.
S36/37 Wear suitable protective clothing and gloves.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28B After contact with skin, wash immediately with plenty of water.
S60 This material and/or its container must be disposed of as hazardous waste.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

3 COMPOSITION

Ingredient Name	CAS number	Percentage
HYDROTREATED LIGHT NAPHTHA (PETROLEUM)	64742-49-0	30 - 40
TOLUENE	108-88-3	25 - 35
PROPANE/BUTANE BLEND	106-97-8	20 - 30
XYLENE	1330-20-7	5 - 10
ETHYLBENZENE	100-41-4	1 - 5

4 FIRST AID MEASURES

EYE CONTACT

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

SKIN CONTACT

Flush skin with large amounts of water. If irritation persists, contact a doctor.

INHALATION

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

IF SWALLOWED

If swallowed, give two glasses of water and contact a doctor or Poisons Information Centre. Do NOT induce vomiting.

5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Carbon dioxide. Dry chemical. Foam.

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.

FIRE FIGHTING PROCEDURES

Wear full protective clothing, including helmet, self-contained, positive pressure or positive pressure demand self-contained breathing apparatus, tunic and pants, bands around arms, waist and legs, full facepiece, and protective covering for exposed areas of the head.

Combustion Products from Fire

Combustion Products from Fire are listed in Section 10, STABILITY AND REACTIVITY.

6 ACCIDENTAL RELEASE MEASURES (SPILL)

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 area with fresh air. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Contain spill. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Cover with absorbent material. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in an approved metal container. Seal the container. For information on the 3M range of Sorbent materials, call 3M OH&ES on Freecall 1800 024-464.

7 HANDLING AND STORAGE

Precautions for Safe Handling

Do not pierce or burn containers, even after use.

Conditions for Safe Storage

Store at temperatures below 50 degrees C.

Incompatibility - Materials to Avoid

None known.

EXPLOSION AVOIDANCE

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

Vapours may ignite explosively.

Fire Avoidance

Aerosol container contains flammable gas under pressure.

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

Static Prevention

Avoid static discharge.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

TOLUENE (108-88-3)

NATIONAL EXPOSURE STANDARDS: TWA: 50ppm, 191 mg/m3. STEL: 150ppm, 574 mg/m3.

Overall exposure for this substance will be influenced by skin exposure, including mucous membranes and eyes, either by airborne or more particularly by direct contact with the substance. The presence of other solvents may alter skin absorption.

PROPANE/BUTANE BLEND (106-97-8)

NATIONAL EXPOSURE STANDARDS: TWA 800ppm 1900mg/m3

XYLENE (1330-20-7)

NATIONAL EXPOSURE STANDARDS: TWA 80ppm 350mg/m3

STEL 150ppm 655mg/m3

ETHYLBENZENE (100-41-4)

NATIONAL EXPOSURE STANDARDS: TWA 100ppm STEL 125ppm

Special Information, Exposure/Protection

The extent to which the following recommendations for exposure control and protection are observed should depend on the risk assessment undertaken for the specific conditions under which this product is used, including occupational hygiene measurements.

Recommended Ventilation

Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions well below exposure standards.

Eye Protection

Avoid eye contact with vapour, spray, or mist. During operations in which eye exposure is likely, the following should be worn alone, or in combination, as appropriate: Indirect Vented goggles. Eye protection should comply with AS/NZS1337.

Hand Protection

During operations in which hand exposure is likely, wear appropriate gloves.
Nitrile rubber.
Polyethylene/ethylene vinyl alcohol.
Polytetrafluoroethylene (Teflon).
Fluoroelastomer (Viton).

Skin Protection

Avoid skin contact.

Respiratory Protection

Avoid breathing vapours, mists or spray. Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:
Half-facepiece organic vapour respirator. Full-face organic vapour respirator. Select and use respirators according to AS/NZS 1715. Respirators should comply with AS/NZS 1716 performance specifications. For information about respirators, call 3M on 1800 024464.

Prevention of Accidental Ingestion

Do not ingest. Keep out of reach of children.

9 PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odour

Thin liquid in aerosol
hydrocarbon solvent

pH

Not applicable

Boiling point	95 C
Melting point	Not determined
Flash point	Approx. - 50 C value for propellant
Autoignition temperature	Not determined
Vapour pressure	800 bar Kpa @ 55C
Water Solubility	NIL
Specific gravity	0.79
Vapour density	Approx. 1 Air=1
Volatile organic compounds (VOC) content	700 g/L
Evaporation rate	Approx. 1 BuOAc=1
Flammable Limits - LEL	Not determined
Flammable Limits - UEL	Not determined

10 STABILITY AND REACTIVITY

Stability

Stable. Hazardous polymerisation will not occur.

Materials to Avoid

Heat, acids, oxidising agents.

Hazardous Decomposition Products

Carbon Monoxide, Carbon Dioxide.

Aldehydes.

Ketones.

Hydrocarbons.

11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact

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

Effects from Skin Contact

Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.

Effects from Inhalation

Intentional concentration and inhalation can be harmful or fatal. Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, lack of coordination, 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. Ingestion may cause: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhoea and vomiting. Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions. Chemical (Aspiration) Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

12 ECOLOGICAL INFORMATION

Environmental Data

Not determined

13 DISPOSAL CONSIDERATIONS

Disposal methods

Incinerate in a permitted hazardous waste incinerator.
Facility must be capable of handling aerosol cans.

Spill Response

Ventilate area with fresh air. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Contain spill. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Cover with absorbent material. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in an approved metal container. Seal the container. For information on the 3M range of Sorbent materials, call 3M OH&ES on Freecall 1800 024-464.

14 TRANSPORT INFORMATION

ADG (Road/Rail)

UN NUMBER	UN 1950
PROPER SHIPPING NAME	AEROSOLS , FLAMMABLE
DANGEROUS GOODS CLASS	2.1
SUBSIDIARY RISK	NONE ALLOCATED
PACKING GROUP	NONE ALLOCATED

IATA (Airfreight)

UN NUMBER	UN 1950
PROPER SHIPPING NAME	AEROSOLS , FLAMMABLE

DANGEROUS GOODS CLASS 2.1
SUBSIDIARY RISK NONE ALLOCATED
PACKING GROUP NONE ALLOCATED

IMO (Seafreight)

UN NUMBER UN 1950
PROPER SHIPPING NAME AEROSOLS , FLAMMABLE
DANGEROUS GOODS CLASS 2.1
SUBSIDIARY RISK NONE ALLOCATED
PACKING GROUP NONE ALLOCATED
SPECIAL INSTRUCTIONS: IERG 49

15 REGULATORY INFORMATION

Product Certifications
AICS - Yes: components checked

16 OTHER INFORMATION

REASON FOR REISSUE
This MSDS has been revised because 3M has adopted the 16-section ANSI/ISO format. The potential hazards of the product have not changed. We encourage you to re-read the MSDS and review the information.

The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet, which involves using the product, or otherwise that in accordance with instructions of use on product packaging is the responsibility of the user. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the Snr Regulatory Services Officer on (02)9498-9287.

