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MATERIAL SAFETY DATA SHEET

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Document id : 10-0144-5 Issue date : 2001.08.22  
Version : 4.04 Supersedes date : 2001.07.09  
Document status : : 1

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

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Tradename:  
3M (TM) BODY GARD SPRAY 8158 BLACK

3M Product ID:  
GS-2000-2110-2 GS-2000-2114-4 GS-2000-3145-7  
GS-2000-3144-0 GS-2000-3143-2

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2 COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredient name and classification	CAS number	Percentage
N-BUTYL ACETATE	123-86-4	40.0 - 50.0
EU Hazard Symbols and Risk Phrases: R:10-66-67		
ACRYLIC POLYMER	---	10.0 - 20.0
PIGMENT	---	1.0 - 5.0
FILLING AGENT	---	1 - 5
FILLING AGENT	---	5.0 - 10.0
ISOBUTANE (CONTAINING <0.1% BUTADIENE)	75-28-5	1 - 5
EU Hazard Symbols and Risk Phrases: (F+T;R:45-12)		
PROPANE	74-98-6	15.0 - 20.0
EU Hazard Symbols and Risk Phrases: (F+; R:12)		
BUTANE	106-97-8	1.0 - 5.0
EU Hazard Symbols and Risk Phrases: (F+; R:12)		

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3 HAZARDS IDENTIFICATION

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Critical hazards:  
Extremely flammable. Repeated exposure may cause skin dryness  
or cracking. Vapours may cause drowsiness and dizziness.

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4 FIRST-AID MEASURES

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**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, get immediate medical attention.

**Inhalation:**

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

**Ingestion:**

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

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**5 FIRE-FIGHTING MEASURES**

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**Suitable Extinguishing Media:**

Carbon dioxide, Dry chemical, Foam.

**Exposure Hazards:**

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

**Hazardous Decomposition:**

Carbon monoxide, carbon dioxide, toxic vapours, gases or particulates.

**Fire-Fighting Procedures:**

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

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**6 ACCIDENTAL RELEASE MEASURES**

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**Personal Precautions:**

Observe precautions from other sections.

**Methods for Cleaning up:**

Ventilate area. Extinguish all ignition sources. Contain spill. Cover with inorganic absorbent material. Collect spilled material. Place in a suitable metal container.

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**7 HANDLING AND STORAGE**

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Precautions for Safe Storage:

Store at temperatures below 49 C.

Fire Prevention:

Aerosol container contains flammable gas under pressure.

Explosion Prevention:

Flammable liquid and vapour. Keep away from heat, sparks, open flame, and other sources of ignition.

Static Prevention:

Avoid static discharge.

Precautions for Safe Handling:

Do not pierce or burn container, even after use.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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Eye Protection:

Avoid eye contact with vapour, spray, or mist. Wear safety glasses with side shields or vented goggles.

Hand Protection:

A pair of gloves made from the following material(s) are recommended: Butyl rubber. Nitrile rubber. Fluoroelastomer.

Skin Protection:

Avoid skin contact.

Respiratory Protection:

Avoid inhalation of vapours, mists or spray. Select one of the following respirators based on airborne concentration of contaminants and in accordance with national regulations: Half-mask organic vapour respirator.

Ingestion:

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

Recommended Ventilation:

Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

Exposure Limits:

N-BUTYL ACETATE (123-86-4)

UK HSE TWA: 150 ppm; 724 mg/m<sup>3</sup> OES

UK HSE STEL: 200 ppm; 966 mg/m<sup>3</sup> OES

PROPANE (74-98-6)

UK HSE TWA: Asphyxiant OES

BUTANE (106-97-8)

UK HSE TWA: 600 ppm; 1450 mg/m<sup>3</sup> OES

UK HSE STEL: 750 ppm; 1810 mg/m<sup>3</sup> OES

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and Odour: Liquid in aerosol container.  
Black coating with solvent  
odour.

pH: Not determined

Boiling point/boiling range: Not determined

Melting point/melting range: Not determined

Flash point: -45 C closed cup

Autoflammability: Not determined

Vapour pressure: Not determined

Water Solubility: Not determined

Specific gravity: Not determined

Vapour density: Not determined

Volatile organic compounds: Not determined

Evaporation rate: Not determined

Viscosity: Not determined

Percent volatile: 66 %

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## 10 STABILITY AND REACTIVITY

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Conditions to Avoid:  
Heat.

Materials to Avoid:  
Not applicable.

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**Hazardous Decomposition:**

Stable. Hazardous polymerisation will not occur.

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**11 TOXICOLOGICAL INFORMATION**

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**Effects from Eye Contact:**

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

**Effects from Skin Contact:**

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

**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 irritation: signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

**Effects from Ingestion:**

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

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**12 ECOLOGICAL INFORMATION**

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**Other Effects and Information:**

Not determined. Since regulations vary, consult applicable regulations or authorities before disposal.

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**13 DISPOSAL CONSIDERATIONS**

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**Product after Use:**

Do not puncture or burn cans in bonfires, household fires, stoves, etc.

**Special Instructions:**

Incinerate in a facility licenced to handle hazardous waste and in the presence of a combustible material. Facility must be capable of handling aerosol cans. Dispose of empty cans in a landfill/waste disposal site. Since regulations vary, consult applicable regulations or authorities before disposal.

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**14 TRANSPORT INFORMATION**

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## UN NUMBER:

UN number: UN1950

## UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number: UN1950

Class: 2.0

Packing Group: Not applicable.

Proper Shipping Name: AEROSOLS

CDG-ROAD (if applicable) Not applicable.

## ADR/RID CLASSIFICATION:

Class: CLASS 2.1

Item Number: 5f

## ICAO/IATA CLASSIFICATION:

Class: 2

Sub-Risk: Not applicable

Packing Group: Not applicable.

Proper Shipping Name: Aerosols, flammable.

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15 REGULATORY INFORMATION  
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## Precautionary Label Information:

Symbol(s):  
Flame (Extremely Flammable)Risk Phrases:  
Extremely flammable. Repeated exposure may cause skin dryness  
or cracking. Vapours may cause drowsiness and dizziness.Safety Phrases:  
Keep away from heat. Keep away from sources of ignition  
including pilot lights and sparks. No smoking. Do not breathe  
vapour or spray. Use only in well ventilated areas. Avoid  
contact with the skin and eyes. In case of contact with eyes,  
rinse immediately with plenty of water and seek medical advice.  
After contact with skin, wash immediately with plenty of water.  
WARNING! Pressurised 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 incandescent material. Keep out of the reach of children.

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## 16 OTHER INFORMATION

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Regulatory Information:           The following UK Regulations as amended may affect the product as supplied:

- The Chemicals (Hazard Information and Packaging for supply) Regulations, as amended.
- The Carriage of Dangerous Goods (Classification, Packaging and Labelling) and use of Transportable Pressure Receptacles Regulations 1996, as amended.
- Carriage of Dangerous Goods by Road Regulations, 1996, as amended.
- The Petroleum (Consolidation) Act 1928.
- The Control of Substances Hazardous to Health Regulations 1999 as amended.
- The Special Waste Regulations 1996, as amended.
- The Environmental Protection Act, 1990
- The Health and Safety at Work Act, 1974.

Reissue date/Reason for reissue.  
Removed 3M ID stock number.

Intended Use of Product:  
A black stone chip coating for sills and valences.

The information on this 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.