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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:
3M (TM) BODY GARD SPRAY 08159 GREY

3M Product ID:
GS-2000-3142-4 GS-2000-3141-6 GS-2000-3140-8

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
TALC	14807-96-6	1.0 - 10.0
ACRYLIC POLYMER	27881-32-9	10.0 - 20.0
AMORPHOUS SILICA	7631-86-9	1.0 - 5.0
N-BUTYL ACETATE	123-86-4	55.0 - 65.0
EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (R:10-66-67)		
PROPANE	74-98-6	10.0 - 15.0
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (F+; R:12)		
BUTANE	106-97-8	5.0 - 10.0
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (F+; R:12)		

3 HAZARDS IDENTIFICATION

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

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,
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.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide, Dry chemical Foam.

Exposure Hazards:

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

Hazardous Decomposition:

Carbon Monoxide and 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.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Observe precautions from other sections.

Methods for Cleaning up:

Ventilate the area with fresh air. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Contain spill. 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. Place in a suitable metal container.

7 HANDLING AND STORAGE

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, pilot lights and other sources of ignition.

Static Prevention:

Avoid static discharge.

Precautions for Safe Handling:

Do not pierce or burn container, even after use.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

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

Hand Protection:

The following glove 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 approved respirators based on airborne concentration of contaminants and in accordance with 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:

TALC (14807-96-6)

HSE WEL TWA: 1 mg/m³ Respirable dust OES

AMORPHOUS SILICA (7631-86-9)

HSE WEL TWA: 6 mg/m³ Total inhalable dust; 3 mg/m³ Respirable dust OES

N-BUTYL ACETATE (123-86-4)

HSE WEL TWA: 150 ppm; 724 mg/m³ OES

HSE WEL STEL: 200 ppm; 966 mg/m³ OES

PROPANE (74-98-6)

HSE WEL TWA: Asphyxiant OES

BUTANE (106-97-8)

HSE WEL TWA: 600 ppm; 1450 mg/m³ OES

HSE WEL STEL: 750 ppm; 1810 mg/m³ OES

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Grey liquid with a 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: Not determined.

10 STABILITY AND REACTIVITY

Conditions to Avoid:
Heat.

Materials to Avoid:
None known.

Stability and Reactivity:
Stable. Hazardous polymerisation 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:

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 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.

12 ECOLOGICAL INFORMATION

Ecotoxicity Data:
Not determined.

Other Effects and Information:
Not determined.

13 DISPOSAL CONSIDERATIONS

Product after Use:
Do not puncture or burn cans in a household incinerator.

Special Instructions:

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

14 TRANSPORT INFORMATION

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

ADR/RID CLASSIFICATION:

Class: 2.0

ADR classification: 5 f

ICAO/IATA CLASSIFICATION:

Class: 2.1

Sub-Risk: None

Packing Group: Not applicable

Proper Shipping Name: Aerosols, flammable.

15 REGULATORY INFORMATION

Disclosable Ingredients:

N-BUTYL ACETATE.

Symbol(s):

(F+) Flame (Extremely Flammable).

Risk Phrases:

(R12) Extremely flammable. (R66) Repeated exposure may cause skin dryness or cracking. (R67) 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.

16 OTHER INFORMATION

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 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.
Deleted 3M stock numbers.

Intended Use of Product:
For application to any part of the car requiring stone chip protection.

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.