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MATERIAL SAFETY DATA SHEET

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Document id : 18-7049-2 Issue date : 06/04/2004  
Version : 1.02 Supersedes date : 05/04/2004

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

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Tradename:  
08901 CAVITY WAX SPRAY AMBER

3M Product ID:  
XS-0034-9166-8

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2 COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredient name and classification	CAS number	Percentage
BUTANE	106-97-8	25 - 35
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (F+; R:12)		
NAPHTHA (PETROLEUM), HYDRODESULPHURISED HEAVY	64742-82-1	25 - 35
EU Hazard Symbols and Risk Phrases: EU - Adaptation 22 (T; R:Carc.Cat.2;45-65)		
EU - Additional Vendor Classification(N; R:10-51/53-66-67)		
OXIDISED PETROLATUM (PETROLEUM)	64743-01-7	20 - 30
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (T; R:Carc.Cat.2;45)		
HYDROTREATED HEAVY PARAFFINIC DISTILLATE (PETROLEUM)	64742-54-7	5 - 10
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (T; R:Carc.Cat.2;45)		
SULPHONIC ACIDS, PETROLEUM, SODIUM SALTS	68608-26-4	5 - 10
PROPANE	74-98-6	3 - 7
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (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. Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

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4 FIRST-AID MEASURES

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**Eye Contact:**

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Skin Contact:**

Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

**Inhalation:**

Remove person to fresh air. If signs/symptoms develop, get medical attention.

**Ingestion:**

Do not induce vomiting. Get immediate medical attention. Give victim two glasses of water. Never give anything by mouth to an unconscious person.

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## 5 FIRE-FIGHTING MEASURES

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**Suitable Extinguishing Media:**

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

**Exposure Hazards:**

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.

**Hazardous Decomposition:**

Carbon Monoxide, Carbon Dioxide.

**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 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:**

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

**Methods for Cleaning up:**

For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water. 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. Place in a metal container approved for use in transportation by appropriate authorities. The container must be lined with polyethylene plastic or contain a plastic drum liner made of polyethylene. Seal the container. 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 vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Contain spill. If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Cover spill area with a fire-extinguishing foam. An aqueous film forming foam (AFFF) is recommended. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Dispose of collected material as soon as possible.

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## 7 HANDLING AND STORAGE

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### Incompatible Materials/Conditions:

Store away from heat. Store out of direct sunlight. Store away from acids. Store away from oxidising agents.

### Fire Prevention:

Extremely flammable liquid and vapour. Do not spray near flames or sources of ignition. Ground containers securely when transferring contents. Wear low static or properly grounded shoes.

### Explosion Prevention:

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

### Static Prevention:

Avoid static discharge.

### Precautions for Safe Handling:

Keep container tightly closed. For industrial or professional use only. Avoid contact with oxidising agents.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Eye Protection:

Avoid eye contact with vapours, mists, or spray. 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:

The following glove material(s) are recommended: Neoprene, Nitrile rubber. Polyethylene/ethylene vinyl alcohol. Fluoroelastomer.

### Skin Protection:

Avoid skin contact.

### Respiratory Protection:

Avoid inhalation of vapours, mists or spray. 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 facepiece or fullface air-purifying respirator with organic vapour cartridges and particulate prefilters.

Ingestion:

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

Recommended Ventilation:

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.

Exposure Limits:

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

PROPANE (74-98-6)

UK HSE TWA: Asphyxiant OES

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and Odour: Liquid Aerosol, Turpentine odour, brown colour.

pH: Not determined

Boiling point/boiling range: -44 C

Melting point/melting range: Not determined.

Flash point: -97 C

Autoflammability: 270 C

Vapour pressure: 4

Water Solubility: Negligible

Specific gravity: 0.73

Vapour density: Not determined

Evaporation rate: Not determined

Viscosity: Not determined

Percent Volatile: 65.27 %

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## 10 STABILITY AND REACTIVITY

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Materials to Avoid:

Heat. Sparks and/or Flames.

Hazardous Decomposition:

Hazardous polymerisation will not occur. Stable.

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## 11 TOXICOLOGICAL INFORMATION

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Effects from Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Effects from Skin Contact:

Mild Skin Irritation: signs/symptoms may include localised redness, swelling, and itching.

Effects from Inhalation:

May be absorbed following inhalation and cause target organ effects. Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhoea and vomiting.

Other Effects and Information:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

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## 12 ECOLOGICAL INFORMATION

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Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

Special statements for 2001/58/EC:

The components labeled 'No information' have no environmental fate and effects

data available. The components labeled 'highly volatile' are expected to be rapidly removed from the aquatic and terrestrial compartments by vaporization. The components labeled 'inorganic' do not biodegrade, but may be removed by other mechanisms. BIODEGRADATION: The components labeled 'readily biodegradable' are expected to fully degrade in wastewater treatment and in most aerobic water or soil environments.

'biodegradable' are expected to have their bioconcentration potential disappear rapidly from aerobic environments with conditions that favour biodegradation. The components labeled 'Insufficient BCF information' have little or no information on their potential to bioconcentrate or accumulate in aquatic organisms.

LABELLED COMPONENTS: No information: Oxidized Petrolatum (Petroleum) (64743-01-7); Sulfonic Acids, Petroleum, Sodium Salts (68608-26-4) Highly volatile: Propane (74-98-6); Butane (106-97-8); Readily biodegradable: Propane (74-98-6); Butane (106-97-8); Naphtha (Petroleum), Hydrodesulfurized Heavy (64742-82-1) Insignificant biodegradation: Hydrotreated Heavy Paraffinic Distillate (Petroleum) (64742-54-7) Log Kow <3: Propane (74-98-6); Butane (106-97-8) Log Kow >3: Naphtha (Petroleum), Hydrodesulfurized Heavy (64742-82-1); Hydrotreated Heavy Paraffinic Distillate (Petroleum) (64742-54-7) labeled 'insignificant biodegradation' did not degrade significantly in ready biodegradation tests.

ESTIMATED PRODUCT AQUATIC TOXICITY: There was insufficient information to calculate the ecotoxicity of this product.

CONCENTRATION: The components labeled 'Log Kow <3i have measured or calculated log Kow values <3 indicating they are unlikely to bioconcentrate to high concentrations in aquatic

organisms by partitioning into lipid tissues. 8); Take precautions to prevent direct release of this substance to the environment. One or more components of this product have significant known or predicted environmental hazards, but a conservative assessment indicates a low environmental risk. Intended use and proper disposal are unlikely to cause the environmentally hazardous component(s) to enter the environment in quantities or by routes that could cause the adverse environmental impacts. ENVIRONMENTAL FATE AND EFFECTS (GENERAL):

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### 13 DISPOSAL CONSIDERATIONS

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**Product as Sold:**

Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility. Facility must be capable of handling aerosol cans. Dispose of empty product containers in a sanitary landfill.

**Special Instructions:**

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:

Class: 2.0

Packing Group: Not Applicable

Proper Shipping Name: Aerosols

CDG-ROAD (if applicable) Not applicable

**ADR/RID CLASSIFICATION:**

Class: 2.1

Item Number: 5F

**ICAO/IATA CLASSIFICATION:**

Class: 2.1

Sub-Risk: Not applicable

Packing Group: Not applicable

Proper Shipping Name: Aerosols Flammable

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### 15 REGULATORY INFORMATION

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**Disclosable Ingredients:**

## NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY

### Symbol(s):

(F+) Flame (Extremely Flammable). (N) Dangerous to environment.

### Risk Phrases:

(R12) Extremely flammable. (R66) Repeated exposure may cause skin dryness or cracking. (R67) Vapours may cause drowsiness and dizziness. (R51/53) Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### Safety Phrases:

Keep away from heat. Keep away from sources of ignition - 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 soap and 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. Avoid release to the environment. Refer to special instructions/safety data sheets. 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.

This is a first issue.

### Intended Use of Product:

Designed to give protective coating to the inside of vehicle body panels.

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.