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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

- 1.1 Tradename:
3M Booth Coating-PN 6839, PN 6840.
- 1.2 Intended Use of Product:
Booth Coating.
- 1.3 3M Product ID:
60-9801-0920-5, GC-8010-0686-4
- 1.4 Contact Address:
3M UK PLC 3M Ireland
3M Centre, Cain Road, 3M House, Adelphi Centre,
Bracknell, Berkshire, RG12 8HT Dun Laoghaire, Co. Dublin
- 1.5 Emergency Contact Number:
+44 (0)1344 858 000

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
Water	7732-18-5	70 - 90
EU Number: EINECS 231-791-2		
Vinyl acetate-vinyl alcohol polymer	25213-24-5	10 - 30
Glycerol	56-81-5	1 - 5
EU Number: EINECS 200-289-5		
Ethanol	64-17-5	0.1 - 1
EU Number: EINECS 200-578-6		
EU Classification: F: R11		

3 HAZARDS IDENTIFICATION

Risk Phrases:
None.

4 FIRST-AID MEASURES

- 4.1 Eye Contact:
Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.
- 4.2 Skin Contact:
Wash affected area with soap and water. If signs/symptoms develop, get medical attention.
- 4.3 Inhalation:
Remove person to fresh air. If signs/symptoms develop, get medical attention.

4.4 Ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

5 FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

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

5.2 Unsuitable Extinguishing Media:

Not specified.

5.3 Exposure Hazards:

Non-flammable: ordinary combustible material.

5.4 Combustion Products from Fire:

Not determined.

5.5 Fire-Fighting Procedures:

Wear full protective equipment and a self-contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:

Please observe precautions from other sections of this MSDS.

6.2 Methods for Cleaning up:

Ventilate the area with fresh air.

Evacuate unprotected and untrained personnel from hazard area.

The spill should be cleaned up by qualified personnel.

Contain spill.

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.

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.

Collect as much of the spilled material as possible.

Clean up residue with detergent and water.

Place in a closed container approved for transportation by appropriate authorities.

Dispose of collected material as soon as possible.

7 HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep container tightly closed. Avoid inhalation of vapours, mists or spray. Avoid skin contact. Avoid eye contact with vapours, mists, or spray. For industrial or professional use only. Avoid contact with oxidising agents.

7.2 Precautions for Safe Storage:

Keep from freezing.

- Ventilation:
Keep container in a well-ventilated area.
- Incompatible Materials/Conditions:
Store away from acids.
Store away from oxidising agents.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Recommended Ventilation:

Use with appropriate local exhaust ventilation. Provide appropriate local exhaust ventilation on open containers. Use with functioning spray booth or local exhaust. 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.

8.2 Exposure Limits:

Glycerol (56-81-5)

HSE WEL TWA: 10 mg/m³

Ethanol (64-17-5)

HSE WEL TWA: 1920 mg/m³; 1000 ppm

8.3 Exposure Controls:

8.3.1 Eye Protection:

Avoid eye contact with vapours, mists, or spray.
The following should be worn alone or in combination, as appropriate to prevent eye contact: Safety glasses with side shields. Indirect vented goggles.

8.3.2 Hand Protection:

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.
The following glove material(s) are recommended: Nitrile rubber.

8.3.3 Skin Protection:

Avoid prolonged or repeated skin contact.

8.3.4 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 facepiece or fullface air-purifying respirator with organic vapour cartridges and P2 particulate prefilters.

8.3.5 Ingestion:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.
Keep out of the reach of children.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance and Odour: Clear liquid with a slight solvent odour.
- pH: 6
- Boiling point/boiling range: 100 °C
- Melting point/melting range: Not applicable

- Flash point: Not applicable
- Autoflammability: Not determined
- Flammable Limits - LEL: Not determined
- Flammable Limits - UEL: Not determined
- Vapour pressure: 2399 Pa
- Water Solubility: Complete
- Specific gravity: 1.02 (Water=1)
- Vapour density: 1.2
- Volatile organic compounds: 0.03 lb/gal (SCAQMD 443.1 calculated) Excluding exempt compounds.
- Viscosity: 50 - 60 mPa.s
- Percent Volatile: Not determined

10 STABILITY AND REACTIVITY

10.1 Stability and Reactivity:

Stable. Hazardous polymerisation will not occur.

10.2 Conditions to Avoid:

None known.

10.3 Materials to Avoid:

Strong bases.
Strong oxidising agents.
Strong acids.

10.4 Hazardous Decomposition:

Carbon monoxide - During Combustion.
Carbon dioxide - During Combustion.

11 TOXICOLOGICAL INFORMATION

11.1 Effects from Eye Contact:

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

11.2 Effects from Skin Contact:

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

11.3 Effects from Inhalation:

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

11.4 Effects from Ingestion:

- May be absorbed following ingestion and cause target organ effects.
- Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

11.5 Other Effects and Information:

- Carcinogenicity:

Contains a chemical or chemicals which can cause cancer. This product contains ethanol. In IARC published Monograph No. 44, entitled, 'Alcohol Drinking', the carcinogenicity of ethanol was determined based on chronic exposure to ethanol through human consumption of alcoholic beverages. This is not an expected effect during the foreseeable use of this product.

- Mutagenicity:

Genotoxicity and Mutagenicity: May interact with genetic material and possibly alter gene expression.

- Reproductive Effects:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

12 ECOLOGICAL INFORMATION

12.1 Environmental Data:

Not determined.

12.2 Mobility in Soil and Water:

Not determined.

12.3 Persistence/Biodegradability:

Not determined.

12.4 Bioaccumulation Potential:

Not determined.

12.5 Ecotoxicity Data:

Not determined.

12.6 Ecofate Data:

Not determined.

12.7 Special statements for 2001/58/EC:

European VOCs 35.46 g/L

13 DISPOSAL CONSIDERATIONS

13.1 Product as Sold:

Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

13.2 Product in Use:

Not determined.

13.3 Product after Use:

Not determined.

13.4 Product Packaging:

Not determined.

13.5 Potential for Recycling:

Not determined.

13.6 Special Instructions:

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

14 TRANSPORT INFORMATION

- UN number: Not restricted for transportation.

15 REGULATORY INFORMATION

Label Version Number:
01.00

Symbol(s):
None.

Risk Phrases:
None.

Safety Phrases:
S23C Do not breathe vapour or spray.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Disclosable Ingredients:
No ingredients required on the label.

Product Certifications:
EINECS.

16 OTHER INFORMATION

16.1 Complete list of risk phrases:
R11 Highly flammable.

16.2 Limitations on Use of Product:
For industrial or professional use only.

16.3 Reissue date/Reason for reissue:
Complete MSDS revision in accordance with EU directive 2001/58/EC.

16.4 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;
The Control of Substances Hazardous to Health Regulations 1999 as amended;
The Special Waste Regulations 1996, as amended;
The Environmental Protection Act, 1990, as amended;
The Health and Safety at Work Act, 1974, as amended.

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