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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:
3M(TM) OVERSPRAY MASKING LIQUID

3M Product ID:
60-9801-0800-9 60-9801-0802-5 60-9801-0801-7

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
WATER	7732-18-5	60 - 90
VINYL ACETATE-VINYL ALCOHOL POLYMER	25213-24-5	7 - 13
GLYCERIN	56-81-5	0.5 - 1.5

3 HAZARDS IDENTIFICATION

Critical hazards:
Not applicable.

4 FIRST-AID MEASURES

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:
No need for first aid is anticipated.

Ingestion:
Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. If signs/symptoms develop, get medical attention.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam).

Hazardous Decomposition:

Formaldehyde - During Combustion Carbon monoxide - During Combustion. Carbon dioxide - during combustion.

Fire-Fighting Procedures:

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

Special Instructions:

Not applicable.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Please observe other sections of this MSDS.

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. Ventilate the area with fresh air. Contain spill. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities.

7 HANDLING AND STORAGE

Precautions for Safe Storage:

Store in a cool place. Keep from freezing.

Precautions for Safe Handling:

For industrial or professional use only.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

Hand Protection:

The following glove material(s) are recommended: Neoprene, Nitrile rubber.

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 air-purifying respirator with organic vapor cartridges and P100 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. Keep out of the reach of children.

Recommended Ventilation:

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.

Exposure Limits:

GLYCERIN (56-81-5)

UK HSE TWA: 10 mg/m³ as a mist OES

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Red coloured liquid with ammonia odour

pH: 8 -10

Boiling point/boiling range: 100 C estimated

Melting point/melting range: Not determined

Flash point: 93.33 > C PMCC

Autoflammability: Not determined

Vapour pressure: Not determined

Water Solubility: Appreciable

Specific gravity: 1.02 ESTIMATED

Vapour density: Not determined

Volatile organic compounds: 0.14 % by wt

Percent Volatile: Not determined

10 STABILITY AND REACTIVITY

Materials to Avoid:

None known.

Hazardous Decomposition:

Hazardous polymerisation will not occur. Stable.

11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact:

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

Effects from Skin Contact:

Prolonged or repeated exposure may cause: Mild Skin Irritation: signs/symptoms may include localised redness, swelling, and itching.

Effects from Inhalation:

No adverse health effects are expected.

Effects from Ingestion:

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

12 ECOLOGICAL INFORMATION

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

13 DISPOSAL CONSIDERATIONS

Product as Sold:

Incinerate in an industrial or commercial facility in the presence of a combustible material.

Special Instructions:

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

14 TRANSPORT INFORMATION

UN NUMBER:

UN number: Not restricted for transportation.

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number:

Class:

Packing Group:

Proper Shipping Name:

ADR/RID CLASSIFICATION:

Class:

ADR classification:

ICAO/IATA CLASSIFICATION:

Class:

Sub-Risk:

Packing Group:

Proper Shipping Name:

15 REGULATORY INFORMATION

Disclosable Ingredients:

No ingredients required on label.

Symbol(s):

None

Risk Phrases:

None

Safety Phrases:

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.

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.

Updated sections 5, 7, 9.

Intended Use of Product:

Overspray masking liquid

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