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MATERIAL SAFETY DATA SHEET

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Document id : 11-5752-8 Issue date : 10/07/2007
Version : 9.00 Supersedes date : 11/10/2004

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

1.1 Tradename:

3M Finesse-It 13084 Finishing Material

1.2 Intended Use of Product:

Machine applied material for use on original and refining paints to remove minor imperfections.

1.3 3M Product ID:

GC-8002-5246-9

1.4 Contact Address:

3M UK PLC
3M Centre, Cain Road,
Bracknell, Berkshire, RG12 8HT

3M Ireland
3M House, Adelphi Centre,
Dun Laoghaire, Co. Dublin

1.5 E-mail Address and Emergency Contact Number:

tox.uk@mmm.com
+44 (0)1344 858 000

2 HAZARDS IDENTIFICATION

Risk Phrases:

None.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
Water	7732-18-5	50.0 - 60.0
EU Number: EINECS 231-791-2		
Naphtha (petroleum), hydrotreated heavy	64742-48-9	15.0 - 25.0
EU Number: EINECS 265-150-3		
EU Classification: Carc.Cat.2: R45; Xn: R65		
Vendor Classification: N: R51/53; R66-67		
EU Nota: 4, H, P		
White mineral oil (petroleum)	8042-47-5	5.0 - 15.0
EU Number: EINECS 232-455-8		
Aluminium oxide	1344-28-1	3.0 - 8.0
EU Number: EINECS 215-691-6		
Aqueous alkali soluble acrylic polymer emulsion	---	1.0 - 6.0
Solution of high MW unsaturated polycarboxylic acid ester	---	1.0 - 6.0
2-Hydroxyethyl ricinoleate	106-17-2	1.0 - 6.0
EU Number: EINECS 203-369-8		

Additional Information:

Nota P applies to CAS 64742-48-9.

4 FIRST-AID MEASURES

4.1 Eye Contact:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

4.2 Skin Contact:

Flush skin with large amounts of water. If irritation persists, get immediate medical attention.

4.3 Inhalation:

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

4.4 Ingestion:

If swallowed, call a medical doctor immediately. Only induce vomiting at the instruction of a medical doctor. Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Carbon dioxide. Dry chemical. Foam.

5.2 Unsuitable Extinguishing Media:

Not specified.

5.3 Exposure Hazards:

Not determined.

5.4 Combustion Products from Fire:

Not determined.

5.5 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.

5.6 Special Instructions:

None known.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:

Please observe precautions from other sections of this MSDS.

6.2 Methods for Cleaning up:

Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. 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.

Clean up residue with water.

Place in an approved metal container.

7 HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Keep container tightly closed.

- Explosion Prevention:
Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Combustible liquid and vapour.

- 7.2 Precautions for Safe Storage:
Keep container closed when not in use.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 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.

8.2 Exposure Limits:

Aluminium oxide (1344-28-1)
HSE WEL TWA: 10 mg/m³ (inhalable dust)
4 mg/m³ (respirable dust)

8.3 Exposure Controls:

- 8.3.1 Eye Protection:
Avoid eye contact. Indirect vented goggles.

- 8.3.2 Hand Protection:
Wear appropriate gloves when handling this material.
The following glove material(s) are recommended: Nitrile rubber.
Polyvinyl alcohol. Fluoroelastomer.

- 8.3.3 Skin Protection:
Avoid prolonged or repeated skin contact.

- 8.3.4 Respiratory Protection:
Avoid inhalation of vapours. Avoid breathing of dust created by cutting, sanding, grinding or machining.

- 8.3.5 Ingestion:
Do not ingest. Keep out of the reach of children.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance and Odour: Creamy white liquid with little odour.
- pH: 8.40 - 9.20
- Boiling point/boiling range: 100.00 °C
- Melting point/melting range: Not determined
- Flash point: 64.00 °C
- Autoflammability: Not determined
- Flammable Limits - LEL: 0.80 %
- Flammable Limits - UEL: 6.00 %
- Vapour pressure: Not determined
- Water Solubility: Complete
- Specific gravity: 0.960 - 0.990 (Water=1)

- Vapour density: 1.00 (Air=1)
- Volatile organic compounds: Not determined
- Evaporation rate: 4.40 (Ether=1)
- Viscosity: 7500.0 - 16500.0 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 oxidising agents.

10.4 Hazardous Decomposition:

Carbon monoxide and carbon dioxide.
Hydrocarbons.

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:

- 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.

11.4 Effects from Ingestion:

Ingestion may cause:

- Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhea and vomiting.
- Chemical (Aspiration) Pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish coloured skin (cyanosis), and may be fatal.

11.5 Other Effects and Information:

Not specified.

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:

Not determined.

12.8 Other Effects and Information:

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

13 DISPOSAL CONSIDERATIONS

13.1 Product as Sold:

Not determined.

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:

Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. Dispose of waste product in a facility permitted to accept chemical waste.

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:

S24/25 Avoid contact with the skin and eyes.

S23A Do not breathe vapour.

S51 Use only in well ventilated areas.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28A After contact with skin, wash immediately with plenty of soap and water.

- S62 If swallowed, do not induce vomiting: Seek medical advice immediately and show this container or label.
- S100 Safety data sheet available for professional user on request.

Disclosable Ingredients:

No ingredients required on the label.

16 OTHER INFORMATION

16.1 Complete list of risk phrases:

- R45 May cause cancer.
- R51 Toxic to aquatic organisms.
- R53 May cause long-term adverse effects in the aquatic environment.
- R65 Harmful: May cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

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.

The information on this Safety 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.