

Material Safety Data Sheet

Infosafe No™ IA1SZ Issue Date : December 2012 ISSUED by MOTORONE

Product Name : M1/MING - 35

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical Product and Company Identification Dyed polyethylene terephthalate coated with a polymerised polyacrylate adhesive coating.

Product Name M1/MING - 35

Company Name MotorOne Group Pty Ltd

Address 275 Canterbury Road Canterbury
VIC 3126 Australia

Telephone/Fax Number Tel: (03) 8809 2700
Fax: (03) 9888 6944

Recommended Use Automotive glass tint film.

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous
NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

Medical Conditions Generally Aggravated by Exposure Upper respirator and lung disease may be aggravated if exposed to fumes above 235°C.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Ingredients</u> | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> | <u>Hazard Symbol</u> | <u>Risk Phrase</u> |
|--------------------|---|------------|-------------------|----------------------|--------------------|
| | Polyethylene Terephthalate | 25038-59-9 | 60-90 % | | |
| | Polymerised, Polyacrylate resin Disperse Dyes | | 1-<10 % 1-<5 % | | |

4. FIRST AID MEASURES

Inhalation If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion Unlikely to occur due to the physical state of the product. However, if ingested, rinse mouth with water. Do NOT induce vomiting. Seek medical attention.

Skin Wash affected area thoroughly with copious amounts of running water and soap. Remove contaminated clothing and wash before reuse. If molten film contacts skin, cool rapidly with cold water. Do not attempt to peel film from skin. Seek medical attention from thermal burn.

Eye If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

First Aid Facilities Eyewash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

Other Information For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use carbon dioxide, dry chemical, foam, water mist or water spray.

Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide. Incomplete combustion may give hydrocarbon oxidation products including organic acids, aldehydes, and alcohols.

Specific Hazards The solid film is combustible. This product will readily burn under fire conditions.

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Precautions in connection with Fire Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Remove all sources of ignition. Increase ventilation. Evacuate all unprotected personnel. Do not breathe fumes. Wear respiratory protection and full protective clothing to minimise exposure. Sweep up material then transfer material in to suitable vapour tight labelled containers for subsequent recycling or disposal. Dispose of waste according to applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling During processing the film can pick up a strong static charge. Avoid discharge into dust or solvent laden air as a flash fire or explosion may result. Establish good housekeeping practices. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage Store in a cool, dry well-ventilated area away from heat and other ignition sources. Take precautions against static electricity discharges. Use proper grounding procedures. Store away from incompatible materials such as materials that support combustion (oxidising materials). Store in suitable, labelled containers. Inspect periodically for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material by Safe Work, Australia. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Limit Values As with all chemicals, exposure should be kept to the lowest possible levels. No biological limits allocated.

Engineering Controls Use with good general ventilation. At temperatures above 235°C a flameproof local exhaust ventilation system may be required.

Respiratory Protection Not required under normal conditions of use. However, if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Wear gloves of impervious material e.g. gloves that provide suitable thermal protection for handling hot material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Dark colour plastic film.

Odour Negligible

Melting Point 300°C (approximate)

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| Boiling Point | 300°C (approximate) |
| Solubility in Water | Negligible |
| Specific Gravity | Not applicable |
| pH Value | Not applicable |
| Vapour Pressure | Not applicable |
| Vapour Density (Air=1) | Not applicable |
| Flash Point | Not applicable |
| Flammability | Combustible solid. |
| Auto-Ignition Temperature | Not available |
| Flammable Limits - Lower | Not available |
| Flammable Limits - Upper | Not available |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Temperatures greater than 235°C. Heat, flames and other sources of ignition. |
| Incompatible Materials | Strong acids or alkalis may hydrolyse the film. Strong oxidizing agents. |
| Hazardous Decomposition Products | Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide, organic acids, acetyl aldehydes and alcohols. |
| Hazardous Polymerization | Will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|--|
| Toxicology Information | No toxicity data available for this product. |
| Inhalation | Fumes and vapours generated at temperatures around 235°C and above may be irritating to the nose, throat and respiratory system. This may result in reddening, tearing and itching of the eyes and soreness in the nose and throat together with coughing. |
| Ingestion | Ingestion unlikely due to form and intended use of the material. |
| Skin | May cause abrasive irritation in contact with the skin, which can result in redness, itching and possible dermatitis. Contact with molten product can cause severe irritation and thermal burns with permanent scarring of tissue. |
| Eye | Eye contact may cause mechanical irritation. May result in mild abrasion. |
| Chronic Effects | Not available |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|--|
| Ecotoxicity | No ecological data are available for this material. |
| Persistence / Degradability | Not available |
| Mobility | Not available |
| Bioaccumulative Potential | Not available |
| Environ. Protection | Prevent this material entering waterways, drains and sewers. |

13. DISPOSAL CONSIDERATIONS

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| Disposal Considerations | The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. |
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14. TRANSPORT INFORMATION

Transport Information Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
IMDG Marine Pollutant (MP) No

15. REGULATORY INFORMATION

Regulatory Information Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Reviewed: December 2012
MSDS Supersedes: June 2008
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