



MATERIAL SAFETY DATA SHEET

ACE MODIFIED VINLY MIO PAINT

Reference	Revision No	Revision Date	Printed	Page 1 of 4
MVPMIO	1	20th July 2015	20th July 2015	

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Little London Road | Sheffield | S8 0UH | Tel: 0114 221 3807
 Email: tony@acecoatings.co.uk

<p><u>1. IDENTIFICATION OF PREPARATION</u></p> <p>IP</p> <p>COMPANY/UNDERTAKING IDENTIFICATION</p>	<p>ACE Modified Vinyl Micaceous Iron Oxide Paint.</p> <p>ACE Coatings Limited Little London Road Sheffield S8 0UH Great Britain</p> <p style="text-align: right;">Telephone 44 (0)114 221 3807 Emergency Telephone 44 (0)7737 763 875 E Mail tony@acecoatings.co.uk</p>										
<p><u>2. COMPOSITION / INFORMATION ON INGREDIENTS</u></p> <p>COMPOSITION</p> <p>HAZARDOUS COMPONENTS</p>	<p>Modified vinyl resin with carefully selected pigments and extenders including Micaceous Iron Oxide.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">%</th> <th style="text-align: center;">CAS</th> <th style="text-align: center;">EINECS</th> <th style="text-align: center;">SUPPLY CLASS</th> </tr> </thead> <tbody> <tr> <td>HIGH BOILING AROMATIC SOLVENT</td> <td style="text-align: center;">20 - 50</td> <td style="text-align: center;">64742-95-6</td> <td style="text-align: center;">265-199-0</td> <td style="text-align: center;">Flammable R10</td> </tr> </tbody> </table>	Name	%	CAS	EINECS	SUPPLY CLASS	HIGH BOILING AROMATIC SOLVENT	20 - 50	64742-95-6	265-199-0	Flammable R10
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HIGH BOILING AROMATIC SOLVENT	20 - 50	64742-95-6	265-199-0	Flammable R10							
<p><u>3. HAZARDS IDENTIFICATION</u></p>	<p>Flammable. Do not breathe vapour or spray. Use only in well ventilated areas.</p>										
<p><u>4. FIRST AID MEASURES</u></p> <p>EYES</p> <p>SKIN</p> <p>INGESTION</p> <p>INHALATION</p> <p>OTHER</p>	<p>Contact lenses should be removed. Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.</p> <p>Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners. Obtain medical attention if irritation is persistent.</p> <p>Wash out mouth with water and give « pint warm water to drink. Obtain medical attention urgently. Do not induce vomiting. Treatment may be needed for shock or pain.</p> <p>Remove from exposure. Keep the patient warm and at rest. If there is respiratory distress give oxygen. If respiration stops or shows signs of failing, administer artificial respiration. Do not give mouth to mouth ventilation. Obtain medical attention urgently.</p> <p>In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything to an unconscious person.</p>										
<p><u>5. FIRE FIGHTING MEASURES</u></p> <p>EXTINGUISHING MEDIA</p> <p>FIRE AND EXPLOSION HAZARDS</p> <p>PROTECTIVE MEASURES</p>	<p>Use Carbon Dioxide, dry chemical, sand or earth for small fires. For large fires use alcohol type foam or water spray. Do not use water jets.</p> <p>Can form explosive mixture with air. Toxic and explosive fumes may be generated in a fire. As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Decomposition products may be a hazard to health. Do not allow run-off from fire fighting to enter drains or watercourses.</p> <p>Appropriate self-contained breathing apparatus should be worn. Keep containers cool with water spray.</p>										
<p><u>6. ACCIDENTAL RELEASE MEASURES</u></p> <p>PERSONAL PRECAUTIONS</p> <p>ENVIRONMENTAL PRECAUTIONS</p> <p>RECOVERY</p>	<p>Exclude sources of ignition and ventilate the area. Exclude all non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.</p> <p>Do NOT allow to enter drains or watercourses. If the product enters drains or sewers, the local water company should be informed immediately. In the case of contamination of streams, rivers or lakes, inform the National Rivers Authority. Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air.</p> <p>Contain and collect spillage with non-combustible absorbent materials, (e.g. sand, earth, vermiculite, diatomaceous earth) and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Clean the spill area preferably with a detergent. Avoid the use of solvents.</p>										



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7. STORAGE AND HANDLING

STORAGE
 Observe label precautions. Store between 5 and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No Smoking. Prevent unauthorised access. Containers which are opened should be properly sealed and kept upright to prevent leakage. Always keep in containers made of the same material as the supply container. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

GENERAL
 Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. The product may charge electrostatically. Use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be electrically conductive. Good housekeeping standards and regular safe removal of waste materials will minimise risk of spontaneous combustion and other fire hazards. The Manual Handling Operations Regulation may apply to the handling of containers of this product. Refer to the guide weight if indicated on the container when carrying out assessments.

HANDLING
 Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used. Electrical equipment should be protected to the appropriate standard. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. For personal protection see Section 8. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Never use pressure to empty. The container is not a pressure vessel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (NORMAL USE)

ENGINEERING MEASURES
 Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

PERSONAL PROTECTIVE EQUIPMENT
 All PPE, including RPE, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

RESPIRATORY
 Avoid inhaling vapour. Avoid contact with skin and eyes. Wear impervious gloves and / or solvent resistant barrier cream. Wear goggles and dust / vapour mask especially when spraying. Ensure good ventilation.

HAND
 Air fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit and engineering controls and methods cannot be reasonably improved.

EYE
 When exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

OTHER
 Eye protection designed to protect against liquid splashes should be worn.

OCCUPATIONAL EXPOSURE LIMITS
 Cotton or cotton / synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

Name	8 Hr OES	15 Mins OES	Type	Reference
HIGH BOILING AROMATIC SOLVENT	250 mg/m ³	340 mg/m ³	OES	EH 40

9. PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE
 Pigmented, Mobile Liquid.

ODOUR
 Characteristic Aromatic Odour.

VISCOSITY
 Viscous liquid.

FLASH POINT
 21 - 55°C

10% LOWER EXPLOSIVE LIMIT
 87 cu.m / litre.

VAPOUR DENSITY
 Heavier than air.

SPECIFIC GRAVITY
 1.70 - 1.90

SOLUBILITY
 Immiscible with water.

10. STABILITY AND REACTIVITY

STABILITY
 Stable under the recommended storage and handling conditions (see section 7)

CONDITIONS TO AVOID
 Prevent exposure to direct sunlight, heat or sources of ignition and static build-up.

MATERIALS TO AVOID
 Keep away from oxidising agents and strongly acidic materials which could liberate highly toxic decomposition fumes.

HAZARDOUS
 In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.



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<p>11. TOXICOLOGICAL INFORMATION GENERAL</p>	<p>There is no data available on the product itself. Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous system. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible local damage.</p>
<p>12. ECOLOGICAL INFORMATION GENERAL</p>	<p>There is no data available on the product itself. The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. The air pollution control requirements of regulation made under the Environmental Protection Act may apply to the use of this product.</p>
<p>13. DISPOSAL CONSIDERATIONS GENERAL</p> <p>DISPOSAL DANGERS</p> <p>DISPOSAL METHODS</p>	<p>Do not allow to enter drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using the information provided in this safety data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.</p> <p>Wear appropriate protective clothing. Care should be taken to avoid accidental mixing with oxidising agents. A potential toxic and explosive hazard will be created if the spilt liquid enters surface drains.</p> <p>Transfer any hazardous waste into suitable containers for subsequent disposal. Dispose of any hazardous waste in accordance with waste disposal or water authority regulations. Do not dump indiscriminately.</p>
<p>14. TRANSPORT INFORMATION (REGULATIONS)</p> <p>PACKAGING (Size & Description)</p> <p>TRANSPORT CLASSIFICATION</p> <p>U.N. NUMBER</p> <p>PROPER SHIPPING NAME</p> <p>ICAO/IATA/IMDG/IMCO CLASS</p> <p>SUBSIDIARY RISK</p> <p>PACKING GROUP</p> <p>ADR CLASS</p> <p>TRANSPORT HAZARD SYMBOL</p>	<p>5 Litre containers.</p> <p>R10 Flammable.</p> <p>1263</p> <p>Paint.</p> <p>IATA : IMDG : IMCO :3,3, Flammable</p> <p>None.</p> <p>III</p> <p>3, Flammable</p> <p>Black flame on red.</p>
<p>15. REGULATORY INFORMATION (SUPPLY & LABELLING)</p> <p>RISK PHRASES</p> <p>SAFETY PHRASES</p>	<p>R10 Flammable.</p> <p>S23 Do not breathe vapour or spray. S51 Use only in well ventilated areas.</p>
<p>16. OTHER INFORMATION</p>	<p>The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations. The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. Further information and relevant advice can be found in: The Manual Handling Operations Regulations 1992(SI 1992:2793) The Environmental Protection (Duty of Care) Regulations 1991 (SI 1991:2839) The Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657) The Petroleum (Consolidation) Act 1928 The Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972 (SI 1972:917) Storage of Flammable Liquids in Containers, HS(G)51 Storage of Packaged Dangerous Substances, HS(G)71. See also R.J.Stokes & Co. Ltd Health & Safety Data Sheet No.1 for further details of other Statutory Regulations which could apply to usage of paints, varnishes and thinners.</p>



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17. REVISION DETAILS

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.