

**MATERIAL SAFETY DATA SHEET**

**HAMMERITE METAL PAINT (BRUSHING)**

Revision Date: 11/12/2002

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING**

**1.1. PRODUCTS IDENTIFICATION:** Hammerite Metal Paint (Brushing)

**1.2. USE OF SUBSTANCE:** No information supplied

**1.3. COMPANY:** ICI Paints  
 Wrexham Road  
 Slough  
 Berkshire  
 SL2 5DS  
 Telephone Number: 0870 242 1100  
 E-mail: duluxtrade\_advice@ici.com

**1.4. EMERGENCY TELEPHONE:** 01753 550000

**2. HAZARDS IDENTIFICATION**

Flammable

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Repeated exposure may cause skin dryness or cracking

Vapours may cause frowziness and dizziness

The viscosity of this preparation exempts any aspiration hazard

The classification with regard to CHIP Notas H,J,K,L,M,N and P are applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredient	EC No:	CAS No:	Percentage	Symbols	RISK (R No.)
EXTLENE	115-535-7	13320-20-7	5 - 10%	Xn	10, 20/21, 38
ETHYL METHYL KETOXIME	202-496-6	96-29-7	0 - 1%	XI	36, 43
DE-AROMATISED KEROSENE		64742-48-9	1 - 5%	Xn	10, 65, 66
DEAROMATISED WHITE SPIRIT	265-185-4	64742-48-9	10 - 30%	Xn	10, 65, 66
BUTANOL	200-751-6	71-36-3	1 - 5%	Xn	10, 22, 37/38, 41, 67
SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM.	265-199-0	64742-95-6	10 - 30%	N	10, 51/53, 66, 67
PROPYLBENZENE	202-704-5	98-82-8	0 - 1%	Xn, N	10, 37, 51/53, 65
MESITYLENE	203-604-4	108-67-8	1 - 5%	Xi, N	10, 37, 51/53
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	5 - 10%	Xn, N	10, 20, 36/37/38, 51/53
WHITE SPIRIT		64742-82-1	0 - 1%	Xn, N	10, 51/53, 65, 66

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The full text for all R-phrases are shown in section 16.

**Composition Comments:**

Styrenated oil modified alkyd containing organic, inorganic pigment, aliphatic and aromatic solvents

**4. FIRST-AID MEASURES****General:**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation:**

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention. Give nothing by mouth.

**Eye Contact:**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

**Skin Contact:**

Remove contaminated clothing. Wash the skin immediately with soap and water. Do not use solvent or thinners.

**Ingestion:**

Keep patient at rest and get medical attention. DO NOT INDUCE VOMITING.

**5. FIRE-FIGHTING MEASURES****Extinguishing Media:**

Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Powder.

**Do Not Use:**

Water jet

**Special Fire Fighting Procedures:**

Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to fire with water spray. Use full protective equipment including self-contained breathing apparatus. Over exposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent.

**Unusual Fire & Explosion Hazards:**

Fire will produce dense black smoke containing hazardous products of combustion

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**6. ACCIDENTAL RELEASE MEASURES**

**Precautions of Protect Environment:**

If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

**Spill Clean-Up Methods:**

Extinguish all ignition sources. Avoid breathing vapours. Absorb in vermiculite, dry sand or earth and place into containers. Confine spill. Do not allow product to enter drains. Clean area with detergent. Avoid using solvents.

**7. HANDLING AND STORAGE**

**Usage Precautions:**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. To keep the airborne concentration below the OES when spray painting, or when working in confined spaces use mechanical exhaust ventilation, to control exposure if natural ventilation is insufficient.

**Storage Precautions:**

Keep in cool, dry, ventilated storage and closed containers. Keep away from heat, sparks and open flame. Keep away from children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ingredient Name	CAS No	STD	LT EXP (8hrs)	ST EXP (15 mins)
XYLENE	1330-20-7	OES	50 ppm(Sk)	100 ppm(Sk)
BUTANOL	71-36-3	OES		50 ppm(Sk)
SOLVENT NAPHTHA (PETROLEUM)	64742-95-6	OES	50 ppm	
LIGHT AROM				
PROPYLBENZENE	98-82-8	OES	25 ppm(Sk)	50 ppm(Sk)
MESITYLENE	108-67-8		25 ppm	
1,2,4-TRIMETHYLBENZENE	95-63-6		25 ppm	
WHITE SPIRIT	64742-82-1	OES	100 ppm	125 ppm

**Protective Equipment:**



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**Respirators:**

Where good natural (or mechanical exhaust) ventilation is not practicable, suitable respiratory equipment must be worn.

**Protective Gloves:**

Chemical resistant gloves required for prolonged or repeated contact

**Eye Protection:**

Wear eye protection if splashes are likely to occur

**Hygiene Work Routines:**

Wash promptly with soap and water if skin becomes contaminated

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Thixotropic Liquid
<b>Colour:</b>	Varying
<b>Odour/Taste:</b>	Hydrocarbon
<b>Solubility Description:</b>	Immiscible with water
<b>Boiling Point (°C):</b>	138
<b>Specific Gravity (water=1):</b>	0.99 – 1.47 @ 20°C
<b>Vapour Density (air=1):</b>	3.70
<b>Vapour Pressure:</b>	7.00 @ 21°C
<b>Evaporation Rate:</b>	0.70 (BuAc=1)
<b>Flash point (°C):</b>	35
<b>Flash Point Method:</b>	CC (Closed Cup)
<b>Auto-ignition Temperature(°C):</b>	450
<b>Flammability Limit (lower %):</b>	0.60
<b>Flammability Limit (upper %):</b>	7

**10. STABILITY AND REACTIVITY****Stability:**

Normally stable

**Materials to Avoid:**

Strong oxidising agents. Strong acids. Strong alkalis. Strong reducing agents

**Hazardous Decomposition Products:**

Fire creates: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO) and oxides of nitrogen may be produced

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**11. TOXICOLOGICAL INFORMATION**

There is no data available on the preparation 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 systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness. Repeated or prolonged contact with product may lead to the removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin and discomfort.

**12. ECOLOGICAL INFORMATION****Environmental Hazards:**

The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface water. The Air Pollution Control requirements of regulators made under the Environmental Protection Act may apply to the use of this product. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Water Hazard Classification:**

No data available. However see disposal considerations.

**13. DISPOSAL CONSIDERATIONS****Disposal Methods:**

Dispose of in accordance with Local Authority requirements. Do not allow the product to enter drains or water courses, or be deposited where it can affect ground or surface waters.

**14. TRANSPORT INFORMATION****Label for Conveyance:**

No transport warning sign required

**Road:**

UN Number: 1263  
Hazard Class (ADR): Class 3: Flammable liquids  
Marginal: LQ7  
Hazchem Code: F1  
CEFIC TEC(R) No: 30G35  
Proper Shipping Name: PAINT  
Road Transport Notes: Viscous Flammable Liquid not subject to ADR in receptacles of less than 450 litres in accordance with ADR 2.2.3.1.5

**Rail:****Sea:**

UN Sea: 1263  
Sea Transport Class No: 3  
Sea Pack GR: III

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EMS No: F-E, S-E  
Marine Pollutant:

Sea Transport Notes: Viscous Flammable Liquid not subject to testing packaging, marketing and labelling requirements of IMDG in receptacles of not more than 30 litres in accordance with IMDG 2/3/3/5 Vehicle placarding and documentation is required.

Air:  
UN Air: 1263  
Air Transport Class No: 3  
Sir Pack Gr: III**15. REGULATORY INFORMATION****Risk Phrases:**

- R10** Flammable.  
**R52/53** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**R66** Repeated exposure may cause skin dryness or cracking.  
**R67** Vapours may cause drowsiness and dizziness

**Safety Phrases:**

- P14** Contains ETHYL METHYL KETOXIME. May produce an allergic reaction  
**S2** Keep out of the reach of children  
**S23B** Do not breathe vapour/spray  
**S24/25** Avoid contact with skin and eyes  
**S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
**S46** If swallowed seek medical advice immediately and show this container label  
**S51** Use only in well ventilated areas

**16. OTHER INFORMATION****User Notes:**

**DISCLAIMER:** The information given in this document has been compiled on the basis of the best available knowledge. It does not imply that the information is complete or accurate in all cases. It is the user's responsibility to satisfy themselves as to the application of the information and/or

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recommendations given for their own particular use. This Safety Data Sheet has been prepared in accordance with the EEC Directive 91/155/EEC. N/A = not applicable. N/D = not determined.

**Revision Comments:** Formulation Reference: M5

**Issued by:** CM

**Revision Date:** 11/12/02

**Revision No/Replaces SDS Issue:** REV No: 1 REPL. SDS GEN: 21/06/02 No: 11284

**SDS No:** 112584

**R Phrases (Full Text):**

<b>R10</b>	Flammable
<b>R20</b>	Harmful by inhalation
<b>R22</b>	Harmful if swallowed
<b>R36</b>	Irritating to eyes
<b>R37</b>	Irritating to respiratory system
<b>R38</b>	Irritating to skin
<b>R41</b>	Risk of serious damage to eyes
<b>R43</b>	May cause sensitisation by skin contact
<b>R20/21</b>	Harmful by inhalation and in contact with skin
<b>R36/37/38</b>	Irritating to eyes, respiratory system and skin
<b>R37/38</b>	Irritating to respiratory system and skin
<b>R51/53</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
<b>R66</b>	Repeated exposure may cause skin dryness and cracking
<b>R67</b>	Vapour may cause drowsiness and dizziness
<b>R65</b>	Harmful: may cause lung damage if swallowed

**Safety Data Sheet Status:**

Approved

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