

## SAFETY DATA SHEET

### HAMMERITE METAL FINISH (BRUSHING)

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**PRODUCT NAME:** HAMMERITE METAL FINISH (BRUSHING)

**PART No.:** 11284

**SYNONYMS, TRADE NAMES:** HAM MFB Hammerite Hammered, Smooth and Satin metal finishes

**SUPPLIER:** Hammerite Products Ltd,  
Prudhoe, Northumberland,  
NE42 6LP

**TEL:** 01661-830000

**FAX:** 01661-835760

**EMERGENCY TELEPHONE(S):** 01661-830000

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
XYLENE	215-535-7	1330-20-7	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

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.

#### 3 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 drowsiness 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.

#### 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.

# HAMMERITE METAL FINISH (BRUSHING)

<b>INHALATION:</b>	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.
<b>INGESTION:</b>	Keep patient at rest and get medical attention. DO NOT INDUCE VOMITING!
<b>SKIN:</b>	Remove contaminated clothing. Wash the skin immediately with soap and water. Do not use solvent or thinners.
<b>EYES:</b>	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.

## 5 FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA:</b>	Use: Alcohol resistant foam. Carbon dioxide (CO2). Powder. Do not use water jet.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	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.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Fire will produce dense black smoke containing hazardous products of combustion.

## 6 ACCIDENTAL RELEASE MEASURES

<b>PRECAUTIONS TO PROTECT ENVIRONMENT:</b>	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.
<b>SPILL CLEANUP METHODS:</b>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Exclude non-essential personnel. 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

<b>USAGE PRECAUTIONS:</b>	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.
<b>STORAGE PRECAUTIONS:</b>	Keep in cool, dry, ventilated storage and closed containers. Keep away from heat, sparks and open flame. Keep away from children.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
XYLENE	1330-20-7	OES	50 ppm(Sk)	100 ppm(Sk)
BUTANOL	71-36-3	OES		50 ppm(Sk)
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	64742-95-6	OES	50.00 ppm	
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	100.00 ppm	125.00 ppm

### PROTECTIVE EQUIPMENT:



<b>RESPIRATORS:</b>	Where good natural (or mechanical exhaust) ventilation is not practicable, suitable respiratory equipment must be worn.
---------------------	---

# HAMMERITE METAL FINISH (BRUSHING)

<b>PROTECTIVE GLOVES:</b>	Chemical resistant gloves required for prolonged or repeated contact.
<b>EYE PROTECTION:</b>	Wear eye protection if splashes are likely to occur.
<b>HYGIENIC WORK ROUTINES:</b>	Wash promptly with soap & water if skin becomes contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</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

<b>STABILITY:</b>	Normally stable.
<b>MATERIALS TO AVOID:</b>	Strong oxidizing agents. Strong acids. Strong alkalies. Strong reducing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Fire creates: Toxic gases/vapours/fumes of: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). and oxides of nitrogen may be produced.

## 11 TOXICOLOGICAL INFORMATION

<b>TOXICOLOGICAL INFORMATION:</b>	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 the 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

<b>ENVIRONMENTAL HAZARDS:</b>	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 regulations 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
<b>WATER HAZARD CLASSIFICATION:</b>	No data available. However see disposal considerations.

## 13 DISPOSAL CONSIDERATIONS

<b>DISPOSAL METHODS:</b>	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

<b>LABEL FOR CONVEYANCE:</b>	No transport warning sign required.		
<b>ROAD:</b>			
<b>UN No:</b>	1263	<b>MARGINAL:</b>	LQ7
<b>HAZARD CLASS (ADR):</b>	Class 3: Flammable liquids.	<b>CEPIC TEC(R) No:</b>	30G35
<b>HAZCHEM CODE:</b>	F1		
<b>PROPER SHIPPING NAME I:</b>	PAINT		
<b>ROAD TRANSPORT NOTES:</b>	Viscous Flammable Liquid not subject to ADR in receptacles of less than 450 litres in accordance with ADR 2.2.3.1.5		

# HAMMERITE METAL FINISH (BRUSHING)

RAIL:

SEA:

UN SEA:

SEA PACK GR:

MARINE POLLUTANT:

1263

III

SEA TRANSPORT CLASS No:

3

EmS No.:

F-E, S-E



## 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:

AIR PACK GR:

1263

III

AIR TRANSPORT CLASS No:

3

## 15 REGULATORY INFORMATION

RISK PHRASES:	R-10	Flammable.
	R-52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R-66	Repeated exposure may cause skin dryness or cracking.
	R-67	Vapours may cause drowsiness and dizziness.
SAFETY PHRASES:	P-14	Contains ETHYL METHYL KETOXIME. May produce an allergic reaction.
	S-2	Keep out of reach of children.
	S-23B	Do not breathe vapour/spray.
	S-24/25	Avoid contact with skin and eyes.
	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S-46	If swallowed seek medical advice immediately and show this container label.
	S-51	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 users responsibility to satisfy themselves as to the application of the information and/or 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 ISSUED:

REV. No.: 1 REPL. SDS GEN.: 21/06/02 No.: 11284  
11284

### SDS No.:

### R-PHRASES (Full Text):

R-10	Flammable.
R-20	Harmful by inhalation.
R-22	Harmful if swallowed.
R-36	Irritating to eyes.
R-37	Irritating to respiratory system.
R-38	Irritating to skin.
R-41	Risk of serious damage to eyes.
R-43	May cause sensitisation by skin contact.
R-20/21	Harmful by inhalation and in contact with skin.
R-36/37/38	Irritating to eyes, respiratory system and skin.

## HAMMERITE METAL FINISH (BRUSHING)

R-37/38

Irritating to respiratory system and skin.

R-51/53

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

R-66

Repeated exposure may cause skin dryness or cracking.

R-67

Vapours may cause drowsiness and dizziness.

R-65

Harmful: may cause lung damage if swallowed.

**SAFETY DATA SHEET STATUS:**

Approved.