

SAFETY DATA SHEET

HAMMERITE METAL PAINT REMOVER.

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: HAMMERITE METAL PAINT REMOVER.

PART No.: 11349

SYNONYMS, TRADE NAMES: HAM MPR

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

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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
DICHLOROMETHANE	200-838-9	75-09-2	60-100 %	Xn	40
MESITYLENE	203-604-4	108-67-8	0-1 %	Xi, N	10, 37, 51/53
AMMONIUM HYDROXIDE	215-647-6	1336-21-6	0-1 %	C, N	34, 50
PROPAN-2-OL	200-661-7	67-63-0	1-5 %	F, Xi	11, 36, 67
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	265-199-0	64742-95-6	0-1 %	N	10, 51/53, 66, 67
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	1-5 %	Xi	10, 36
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	0-1 %	Xn, N	10, 20, 36/37/38, 51/53

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

3 HAZARDS IDENTIFICATION

Xn HARMFUL

Limited evidence of a carcinogenic effect. Carcinogen Category 3.

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.

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

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

EYES: 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.

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5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use: Alcohol resistant foam. Carbon dioxide (CO₂). 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.

6 ACCIDENTAL RELEASE MEASURES

PRECAUTIONS TO 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 CLEANUP METHODS:

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

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 AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
DICHLOROMETHANE	75-09-2	MEL	100 ppm	300 ppm
MESITYLENE	108-67-8		25 ppm	
AMMONIUM HYDROXIDE	1336-21-6	OES	25 ppm	35 ppm
PROPAN-2-OL	67-63-0	OES	400 ppm	500 ppm
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	64742-95-6	OES	50.00 ppm	
1,2,4-TRIMETHYLBENZENE	95-63-6		25 ppm	

PROTECTIVE EQUIPMENT:



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.

HYGIENIC WORK ROUTINES:

Wash promptly with soap & water if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Paste or slurry.	COLOUR:	Clear.
SOLUBILITY DESCRIPTION:	Miscible with water.	SPECIFIC GRAVITY (Water=1):	1.20
FLASH POINT (°C):	Non-Flash		

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10 STABILITY AND REACTIVITY

STABILITY:	Normally stable.
MATERIALS TO AVOID:	Strong oxidizing agents. Strong acids. Strong alkalies. Strong reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	High temperatures generate: hazardous decomposition products such as Phosgene and Hydrogen chloride.

11 TOXICOLOGICAL INFORMATION

INHALATION:	May cause irritation to the respiratory system.
INGESTION:	May cause burns in mucous membranes, throat, oesophagus and stomach. May cause stomach pain or vomiting.
SKIN:	Irritating to skin. Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause skin irritation/eczema May cause sensitisation by skin contact.
EYES:	May cause severe irritation to eyes. Risk of serious damage to eye.
ROUTE OF ENTRY:	Ingestion. Skin and/or eye contact.

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 regulations made under the Environmental Protection Act may apply to the use of this product.
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.
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14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



ROAD:			
UN No:	2810		
HAZARD CLASS (ADR):	Division 6.1:Toxic substances.	MARGINAL:	LQ19
HAZCHEM CODE:	60	CEFIC TEC(R) No:	61G80
PROPER SHIPPING NAME I:	Toxic Liquid, Organic NOS (Dichloromethane)		
RAIL:			
RAIL TRANSPORT CLASS No:	N/D		
SEA:			
UN SEA:	2810	SEA TRANSPORT CLASS No:	6.1
SEA PACK GR:	III	MARINE POLLUTANT:	No.
AIR:			
UN AIR:	2810	AIR TRANSPORT CLASS No:	6.1
AIR PACK GR:	III		

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15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



HARMFUL

RISK PHRASES:	R-40	Limited evidence of a carcinogenic effect.
SAFETY PHRASES:	S-13	Keep away from food, drink and animal feeding stuffs.
	S-2	Keep out of reach of children.
	S-21	When using do not smoke.
	S-23C	Do not breathe vapour.
	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S-28A	After contact with skin, wash immediately with plenty of water.
	S-3/9/49	Keep only in the original container in a cool, well ventilated place.
	S-36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	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.

INFORMATION SOURCES: MSDS ICI.: Hammerite Paint Remover REV.: 11/02/03

ISSUED BY: LH

REVISION DATE: 28/02/03

REVISION No. /REPLACES SDS ISSUED:

REV. No.: N/A REPL. SDS GEN.: 07/10/98 No.: 11161

SDS No.: 11349

R-PHRASES (Full Text):

R-10	Flammable.
R-11	Highly flammable.
R-20	Harmful by inhalation.
R-34	Causes burns.
R-36	Irritating to eyes.
R-37	Irritating to respiratory system.
R-40	Limited evidence of a carcinogenic effect.
R-36/37/38	Irritating to eyes, respiratory system and skin.
R-50	Very toxic to aquatic organisms.
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.

SAFETY DATA SHEET STATUS: Approved.