

SAFETY DATA SHEET

HAMMERITE HIGH HEAT PAINT AEROSOL

CP0800 v2.0 RS 407-9511

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: HAMMERITE HIGH HEAT PAINT AEROSOL

PART No.: 11329

SYNONYMS, TRADE NAMES: HAM HHA

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

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Supplied by:

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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
XYLENE SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	215-535-7	1330-20-7	30-60 %	Xn	10, 20/21, 38
PROPYLENE CARBONATE	265-199-0	64742-95-6	5-10 %	N	10, 51/53, 66, 67
PROPANE	203-572-1	108-32-7	1-5 %	Xi	36
BUTANE	200-827-9	74-98-6	10-30 %	Fx	12
ISOBUTANE	203-448-7	106-97-8	5-10 %	Fx	12
			1-5 %	Fx	12

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

COMPOSITION COMMENTS: Styrenated oil modified alkyd containing organic, inorganic pigments, aliphatic, aromatic hydrocarbon solvents and hydrocarbon propellant.

3 HAZARDS IDENTIFICATION

Extremely flammable.
Harmful by inhalation and in contact with skin.
Irritating to skin.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.

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!

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

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

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. May explode in a fire.

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. Spillages should be contained and covered with sand or other absorbent material to prevent the flow of liquid into drains, sewers, basements etc.

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

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)
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	64742-95-6	OES	50.00 ppm	
PROPANE	74-98-6		Asphyxiating	Asphyxiating
BUTANE	106-97-8	OES	600 ppm	750 ppm

INGREDIENT COMMENTS: OES = Occupational Exposure Standard.

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.

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9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Aerosol. spray. **COLOUR:** Black.
ODOUR/TASTE: Aromatic.

10 STABILITY AND REACTIVITY

STABILITY: Normally stable.
CONDITIONS TO AVOID: Fire/uncontrolled heat. High temperatures and direct sunlight.
MATERIALS TO AVOID: Strong oxidizing agents. Strong reducing agents. Strong acids. Strong alkalies.
HAZARDOUS DECOMPOSITION PRODUCTS:
Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂). and oxides of nitrogen may be produced.

11 TOXICOLOGICAL INFORMATION

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 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

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. Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment
WATER HAZARD CLASSIFICATION: See disposal considerations. No data available. However see disposal considerations.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements. Do not pierce or burn. 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:



ROAD:		ADR CLASS No:	2.1
UN No:	1950	HAZCHEM CODE:	5F
MARGINAL:	LQ2	PROPER SHIPPING NAME I:	UN1950 AEROSOLS
CEPIC TEC(R) No:	20G53		
RAIL:			
SEA:			
UN SEA:	UN1950	SEA TRANSPORT CLASS No:	2
EmS No.:	F-D, S-U	MARINE POLLUTANT:	No.

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AIR:
UN AIR:

UN1950

AIR TRANSPORT CLASS No: 2.1

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



EXTREMELY FLAMMABLE



IRRITANT

RISK PHRASES:	R-12 R-20/21 R-38 R-52/53	Extremely flammable. Harmful by inhalation and in contact with skin. Irritating to skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
SAFETY PHRASES:	S-16 S-2 S-23B S-26 S-28B S-36/37 S-46 S-51	Keep away from sources of ignition - No Smoking. Keep out of reach of children. Do not breathe vapour/spray. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing and gloves. If swallowed seek medical advice immediately and show this container label. 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.

ISSUED BY: CM
REVISION DATE: 09/01/03
REVISION No. /REPLACES SDS ISSUED: REV. No.: N/A REPL. SDS GEN.: 01/08/98 No.: 11172

SDS No.: 11328
R-PHRASES (Full Text): R-10 Flammable.
R-12 Extremely flammable.
R-36 Irritating to eyes.
R-38 Irritating to skin.
R-20/21 Harmful by inhalation and in contact with 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.

SAFETY DATA SHEET STATUS: Approved.