

SAFETY DATA SHEET

HAMMERITE ANTI RUST PRIMER AEROSOL

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: HAMMERITE ANTI RUST PRIMER AEROSOL

PART No.: 11298

SYNONYMS, TRADE NAMES: HAM RBA

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.)
ACETONE	200-662-2	67-64-1	10-30 %	F, Xi	11, 36, 66, 67
BUTANE	203-448-7	106-97-8	5-10 %	Fx	12
PROPYLBENZENE	202-704-5	98-82-8	0-1 %	Xn, N	10, 37, 51/53, 65
PROPANE	200-827-9	74-98-6	10-30 %	Fx	12
XYLENE	215-535-7	1330-20-7	10-30 %	Xn	10, 20/21, 38
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	265-199-0	64742-95-6	1-5 %	N	10, 51/53, 66, 67
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	0-1 %	Xn, N	10, 20, 36/37/38, 51/53
ISOBUTANE			1-5 %	Fx	12
MESITYLENE	203-604-4	108-67-8	0-1 %	Xi, N	10, 37, 51/53
ETHYL METHYL KETOXIME	202-496-6	96-29-7	0-1 %	Xi	36, 43
DEAROMATISED WHITE SPIRIT	265-185-4	64742-48-9	5-10 %	Xn	10, 65, 66

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

COMPOSITION COMMENTS: Oil modified alkyd containing organic / inorganic pigment, aromatic solvents, aliphatic solvents and hydrocarbon propellant. Solvent content depends on paint colour.

3 HAZARDS IDENTIFICATION

Extremely flammable.
Irritating to eyes.
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 classification with regard to CHIP Notas H,J,K,L,M,N and P are applicable.

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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:	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:	Cool containers exposed to fire with water spray. Keep run-off water out of sewers and water sources. Dike for water control. 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:	May explode in a fire. Fire will produce dense black smoke containing hazardous products of combustion.
HAZARDOUS DECOMPOSITION PRODUCTS:	Vapors/gases/fumes of: of Carbon monoxide (CO). Carbon dioxide (CO2). Oxides of: Nitrogen.

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 well. Observe all safety precautions. 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. Store in a cool, dry ventilated place. Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C. Avoid direct sunlight. Keep in cool, dry, ventilated storage and closed containers. Keep away from children.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
ACETONE	67-64-1	OES	500 ppm	1500 ppm
BUTANE	106-97-8	OES	600 ppm	750 ppm
PROPYLBENZENE	98-82-8	OES	25 ppm(Sk)	50 ppm(Sk)
PROPANE	74-98-6		Asphyxiating	Asphyxiating
XYLENE	1330-20-7	OES	50 ppm(Sk)	100 ppm(Sk)
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	64742-95-6	OES	50.00 ppm	
1,2,4-TRIMETHYLBENZENE	95-63-6		25 ppm	

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MESITYLENE

108-67-8

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 approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENIC WORK ROUTINES:

Wash promptly with soap & water if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Aerosol. spray.	COLOUR:	Grey. Red. White.
ODOUR/TASTE:	Aromatic.		
SOLUBILITY DESCRIPTION:	Immiscible with water.	VAPOUR DENSITY (air=1):	2.10
VAPOUR PRESSURE:	545.00kPa @ 25 °C	EVAPORATION RATE:	N/D
AUTO IGNITION TEMPERATURE (°C):	410	FLAMMABILITY LIMIT (lower %):	1.80
FLAMMABILITY LIMIT (upper %):	10		

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 alkalis. to prevent the possibility of an exothermic reaction.

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:

There is no data on the preparation itself.

DEGRADABILITY:

No data available.

ACUTE FISH TOXICITY:

No data available.

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 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.

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14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



ROAD:

UN No:	1950		
HAZARD CLASS (ADR):	Class 2: Gases; Compressed, liquefied or dissolved under pressure.		
ADR CLASS No:	2.1	ADR ITEM No:	5F
MARGINAL:	LQ2	HAZCHEM CODE:	5F
CEFIC TEC(R) No:	20G53	PROPER SHIPPING NAME I:	UN1950 AEROSOLS

RAIL:

SEA:

UN SEA:	UN1950	SEA TRANSPORT CLASS No:	2
EmS No.:	F-D, S-U	MARINE POLLUTANT:	No.

AIR:

UN AIR:	UN1950	AIR TRANSPORT CLASS No:	2.1
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15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



EXTREMELY FLAMMABLE



IRRITANT

RISK PHRASES:

R-12	Extremely flammable.
R-36	Irritating to eyes.
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-16	Keep away from sources of ignition - No Smoking.
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.

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ISSUED BY: CM
REVISION DATE: 11/12/02
REVISION No. /REPLACES SDS ISSUED:
SDS No.: REV. No.: 1 REPL. SDS GEN.: 28/08/02 No.: 11298
11298
R-PHRASES (Full Text):
R-10 Flammable.
R-11 Highly flammable.
R-12 Extremely flammable.
R-20 Harmful by inhalation.
R-36 Irritating to eyes.
R-37 Irritating to respiratory system.
R-38 Irritating to skin.
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.
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.