

SAFETY DATA SHEET

UNDERBODY SEAL

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: UNDERBODY SEAL

PART No.: 11326

SYNONYMS, TRADE NAMES: HAM UBS

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.)
WHITE SPIRIT		64742-82-1	30-60 %	Xn, N	10, 51/53, 65, 66

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

COMPOSITION COMMENTS: A blend of waxes, corrosion inhibitors, aliphatic solvents and bitumen.

3 HAZARDS IDENTIFICATION

Flammable.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Repeated exposure may cause skin dryness or cracking.
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.

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.

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.

UNDERBODY SEAL

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 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)
WHITE SPIRIT	64742-82-1	OES	100.00 ppm	125.00 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:	Viscous. Liquid.	COLOUR:	Black.
ODOUR/TASTE:	Characteristic.		
SOLUBILITY DESCRIPTION:	Immiscible with water.	BOILING POINT (°C):	145 @ 760mmHg
SPECIFIC GRAVITY (Water=1):	0.86 @ 20 °C	VAPOUR PRESSURE:	3.3 @ 20 °C
EVAPORATION RATE:	63(EtEt=1)	FLASH POINT (°C):	40
FLASH POINT METHOD:	CC (Closed cup).		
AUTO IGNITION TEMPERATURE (°C):	230	FLAMMABILITY LIMIT (lower %):	0.90
FLAMMABILITY LIMIT (upper %):	8		

UNDERBODY SEAL

10 STABILITY AND REACTIVITY

STABILITY:	Normally stable.
MATERIALS TO AVOID:	Strong oxidizing agents. Strong reducing agents. Strong acids. Strong alkalies. to prevent the possibility of an exothermic reaction.
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic gases/vapours/fumes of: Carbon dioxide (CO ₂). Carbon monoxide (CO). and oxides of nitrogen may be produced.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:	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. Splashes in the eyes may cause irritation and discomfort.
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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. Toxic 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.
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14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



ROAD:			
UN No:	1263	MARGINAL:	LQ7
HAZARD CLASS (ADR):	Class 3: Flammable liquids.	CEFIC TEC(R) No:	30G35
HAZCHEM CODE:	F1		
PROPER SHIPPING NAME I:	PAINT or PAINT RELATED MATERIAL		
RAIL:			
SEA:			
UN SEA:	1263	SEA TRANSPORT CLASS No:	3
SEA PACK GR:	III	EmS No.:	F-E, S-E
MARINE POLLUTANT:			



UNDERBODY SEAL

AIR:
UN AIR:
AIR PACK GR:

1263
III

AIR TRANSPORT CLASS No: 3

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



**DANGEROUS FOR
THE ENVIRONMENT**

RISK PHRASES:	R-10	Flammable.
	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.
SAFETY PHRASES:	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-29/56	Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.
	S-36/37	Wear suitable protective clothing and gloves.
	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.

ISSUED BY: CM
REVISION DATE: 09/01/03
REVISION No. /REPLACES SDS ISSUED: REV. No.: N/A REPL. SDS GEN.: 05/03/99 No.: 11170

SDS No.: 11326
R-PHRASES (Full Text): R-10 Flammable.
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-65 Harmful: may cause lung damage if swallowed.

SAFETY DATA SHEET STATUS: Approved.