



SAFETY DATA SHEET

^ Hardwax Protector

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

PRODUCT NAME	^ Hardwax Protector
PRODUCT NO.	389
APPLICATION	Polish
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2 HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking.

CLASSIFICATION R10, R66.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ALKANE, C11-15-iso	292-460-6	90622-58-5	1-5%	Xn;R65.
AMINOFUNCTIONAL SILICONE FLUID			1-5%	Xn;R65. R10.
CALCINED KAOLIN CLAY		1332-58-7	1-5%	-
PARAFFIN WAX	232-315-6	8002-74-2	< 1%	-
WHITE SPIRIT	265-150-3	64742-48-9	60-100%	Xn;R65. R10,R66.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention immediately! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Remove victim immediately from source of exposure. 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

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EXTINGUISHING MEDIA

Fire can be extinguished using: Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

Cool containers exposed to flames with water until well after the fire is out.

UNUSUAL FIRE & EXPLOSION HAZARDS

FLAMMABLE.

SPECIFIC HAZARDS

Fire creates: Oxides of: Carbon.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. Clean-up personnel should use respiratory and/or liquid contact protection.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. During application and drying, solvent vapours will be emitted.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
CALCINED KAOLIN CLAY	WEL		2 mg/m3			
PARAFFIN WAX	WEL		2 mg/m3		6 mg/m3	
WHITE SPIRIT	WEL		1000 mg/m3			

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge suitable for organic substances.

HAND PROTECTION

Use protective gloves made of: Polyvinyl alcohol (PVA). Viton rubber (fluor rubber). Nitrile. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

^ Hardwax Protector**EYE PROTECTION**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION

Provide eyewash station.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid		
COLOUR	Brown		
ODOUR	Solvent.		
SOLUBILITY	Soluble in Hydrocarbons.		
RELATIVE DENSITY	APPROX. 0.8 20	FLASH POINT (°C)	30 CC (Closed cup).
VOLATILE ORGANIC COMPOUND (VOC)	655 g/litre		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with oxidisers or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION**GENERAL INFORMATION**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

INHALATION

Vapours may cause headache, fatigue, dizziness and nausea.

INGESTION

Harmful if swallowed. May cause stomach pain or vomiting. Diarrhoea. Headache.

SKIN CONTACT

May cause defatting of the skin, but is not an irritant.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS

INHALATION. Prolonged inhalation of high concentrations may damage respiratory system. SKIN CONTACT. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. INGESTION. May cause discomfort.

The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

The packaging must be empty (drop-free, when inverted)

^ Hardwax Protector**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.
Recover and reclaim or recycle, if practical.

14 TRANSPORT INFORMATION

UK ROAD CLASS	3		
PROPER SHIPPING NAME	PETROLEUM DISTILLATES N.O.S (White Spirit)		
UN NO. ROAD	1268	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	UN NO. SEA	1268
IMDG CLASS	3	IMDG PAGE NO.	51 (Vol 2)
IMDG PACK GR.	III		

15 REGULATORY INFORMATION

CONTAINS	WHITE SPIRIT	
RISK PHRASES	R10	Flammable.
	R66	Repeated exposure may cause skin dryness or cracking.
SAFETY PHRASES	S2	Keep out of the reach of children
	S23	Do not breathe vapour/spray.
	S37	Wear suitable gloves.
	S46	If swallowed, seek medical advice immediately and show this container or label.
	S51	Use only in well-ventilated areas.
	S35	This material and its container must be disposed of in a safe way.

16 OTHER INFORMATION**GENERAL INFORMATION**

Only trained personnel should use this material.

REVISION DATE 03/12/2008

REV. NO./REPL. SDS GENERATED 3

RISK PHRASES IN FULL

R10	Flammable.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.