



SAFETY DATA SHEET PROTECTOR

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

PRODUCT NAME PROTECTOR
PRODUCT NO. WAE11002
APPLICATION Repels water and guards against stains.
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2 HAZARDS IDENTIFICATION

Extremely flammable. Vapours may cause drowsiness and dizziness. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R38. F+;R12. N;R51/53. R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
HEPTANE.	295-434-2	92045-53-9	30-60%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
BUTANE	203-448-7	106-97-8	10-30%	F+;R12
PROPAN-2-OL	200-661-7	67-63-0	10-30%	F;R11 Xi;R36 R67
ISOPROPYL ACETATE	203-561-1	108-21-4	< 1%	F;R11 Xi;R36 R66 R67

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

4 FIRST-AID MEASURES

INHALATION

NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! Get medical attention immediately!

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Spray in the eyes: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. Water spray. Do not use water jet as an extinguisher, as this will spread the fire.

PROTECTOR

SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire. Risk of explosion if heated.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Evacuate area. Provide adequate ventilation. Remove all sources of ignition.

ENVIRONMENTAL PRECAUTIONS

Refer to section 13 for disposal considerations.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Keep away from flammables, oxidising agents, corrosives and products harmful or toxic to man or the environment. Avoid inhalation of vapours.

STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BUTANE	WEL	600 ppm	1450 mg/m ³	750 ppm	1810 mg/m ³	Carc
ISOPROPYL ACETATE	WEL			200 ppm	849 mg/m ³	
PROPAN-2-OL	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³	

WEL = Workplace Exposure Limit.

Carc = Capable of causing cancer and/or heritable genetic damage.

ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of spray.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Hand protection not required. For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Not required unless handling bulk product or if splashing is probable.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash hands after handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol
COLOUR	Colourless
ODOUR	Characteristic

10 STABILITY AND REACTIVITY

PROTECTOR

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with flammables, oxidising agents, corrosives and products harmful or toxic to man or to the environment.

MATERIALS TO AVOID

Strong acids. Strong oxidising substances. Chlorine.

HAZARDOUS DECOMPOSITION PRODUCTS

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

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

INHALATION. May cause irritation to the respiratory system. Prolonged inhalation of high concentrations may damage respiratory system. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death. Acute inhalation toxicity: Vapours may cause narcotic effects. **SKIN CONTACT.** Prolonged/repeated exposure may be irritating to skin causing defatting which can lead to dermatitis. **EYE CONTACT.** Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



UK ROAD CLASS	2		
PROPER SHIPPING NAME	AEROSOLS (HEPTANE.)		
UN NO. ROAD	1950	UK ROAD PACK GR.	N/A
ADR CLASS NO.	2	ADR CLASS	Class 2: Gases
ADR PACK GROUP	N/A	TUNNEL RESTRICTION CODE	(D)
ADR LABEL NO.	2.1	CEFIC TEC(R) NO.	20G5F
RID CLASS NO.	2	RID PACK GROUP	N/A
UN NO. SEA	1950	IMDG CLASS	2.1
IMDG PACK GR.	N/A	EMS	F-D, S-U
UN NO. AIR	1950	AIR CLASS	2.1
AIR PACK GR.	N/A		

15 REGULATORY INFORMATION

LABELLING



Irritant



Extremely Flammable



Dangerous for the environment

PROTECTOR

CONTAINS	HEPTANE.
RISK PHRASES	
	R12 Extremely flammable.
	R38 Irritating to skin.
	R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R67 Vapours may cause drowsiness and dizziness.
SAFETY PHRASES	
	S2 Keep out of the reach of children
	S9 Keep container in a well-ventilated place.
	S16 Keep away from sources of ignition - No smoking.
	S23 Do not breathe vapour/spray.
	S51 Use only in well-ventilated areas.
	Avoid release to the environment.
	A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
	A2 Do not spray on a naked flame or any incandescent material.

16 OTHER INFORMATION

REV. NO./REPL. SDS GENERATED	5
DATE	5/08/09
SIGNATURE	Gerry Clancy (Technical Manager)

RISK PHRASES IN FULL

R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

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.