



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

Identification of the substance or preparation:

Name: **EPOXYGUARD 455 DURCISSEUR.**

Product code: H1688D

Company/undertaking identification:

Registered company name: MAP YACHTING.

Address : ZI ATHELIA IV – 296 Av de la Tramontane – 13705 LA CIOTAT - France.

Telephone : 33 (0)4 42 98 14 50 Fax :33 (0)4 42 98 14 51. Email : sales@map-yachting.com

Emergency telephone: 01 45 42 59 59.

Association/Organisation: ORFILA.

Use of the substance/preparation:

2 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 2: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

INDEX	CAS	EC	Name	Symb.	R:	%		
612-067-00-9	2855-13-2	220-666-8	3-AMINOMETHYL-3,5,5-TRIMETHYL-CYCLOHEXYLAMINE				C	34 43
52/53	21/22	25	≤ x % < 50					

Other substances representing a hazard:

INDEX	CAS	EC	Name	Symb.	R:	%		
603-074-00-8	25068-38-6	500-033-5	REACTION PRODUCT: BISPHENOL-A-(EPICHLORHYDRIN) EPOXY RESIN (NUMBER AVERAGE MOLECULAR WEIGHT < 700)	Xi N	36/38 43 51/53	10 ≤ x % < 25		
M 00050	69-72-7		ACIDE SALICYLIQUE		Xn	20/22	0 ≤ x % < 2.5	
M 00088	40027-38-1	254-754-2	DIOLEATE DE N-ALKYL "OLEYL"	Xi	38 41	0 ≤ x % < 2.5		
M 00091		603-057-00-5	MELANGE D'HYDROCARBURES AROMATIQUES HYDROXYLES	Xn	20/22	50 ≤ x % < 100		

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

No known substance in this category present.

Other components:

3 - IDENTIFICATION OF HAZARDS

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

Possibility of corrosive effects.

Possibility of skin sensitisation. The preparation may also irritate the skin and prolonged contact may aggravate this effect.

Possibility of noxious effects with symptoms of slight poisoning by inhalation, contact with the skin and swallowing.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other data:

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still.

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

Do not give the patient anything orally.



In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.
If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin:

Remove all contaminated or stained clothing immediately. Do not use them again until they have been decontaminated.
Wash the skin thoroughly with soap and water or a recognised cleaner.
DO NOT use solvents or thinners.
If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water, administer activated medical charcoal and consult a doctor.
Consult a doctor and show him the label.
If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

N/A

Extinguishing media which must not be used for safety reasons:

N/A

Special protective equipment for fire-fighters:

N/A
N/A
N/A
N/A

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid inhaling the vapors.
Avoid any contact with the skin and eyes.
Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways.
Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).
If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.
Anyone with a history of skin sensitisation must on no account handle such products

Handling:

Handle in well-ventilated areas.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8.
Observe precautions stated on label and also industrial safety regulations



Avoid inhaling solvent vapors and spray-gun aerosols

Packages which have been opened must be reclosed carefully and stored in an upright position

Avoid inhaling vapors.

Where the personnel must carry out work in a booth, whether for spraying or otherwise, the ventilation may be inadequate to control particles and solvent vapors in every case.

It is therefore recommended that personnel wear masks with a compressed air supply during spraying operations until the concentration of particles and solvent vapors has fallen below the exposure limits.

Product must not come into contact with the skin and eyes

Provide safety showers and eye washes in workshops where the product is handled constantly

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used

Never open the packages under pressure

Storage:

Keep the container tightly closed in a dry, well-ventilated place

Keep away from food and drink, including those for animals.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Anyone with a history of skin sensitisation must on no account handle such products.

Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus

Exposure limit values per INRS ND 2098-174-99 and ND 2114-176-99:

Exposure limit values per 2000/39/EC and 98/24/EC:

Substance in this category unknown.

Respiratory protection:

With this preparation, avoid in particular any inhalation of vapors.

Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

Due to the solvents present, it is recommended that polyvinyl alcohol or nitrile rubber gloves be worn.

Where there is a risk of contact with the hands, suitable gloves must be used

Eye and face protection:

Avoid contact with the skin and eyes

Provide personnel with gloves, face masks and safety goggles.

Provide eye washes in workshops where the product is constantly handled

Skin protection:

Wear suitable protective clothing, in particular an apron and boots. These items must be kept in good condition and cleaned after use.

For further information, see § 11 of S.D.S. - Toxicological information.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: viscous liquid

Important health, safety and environmental information:

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not specified.

Flash point interval: Flash point: > 61°C

vapour pressure: Below 110 kPa (1.10 bar).

Density: > 1



water solubility: Insoluble.

Other information:

melting point/melting range: not specified.

Self-ignition temperature: not specified.

Decomposition point/decomposition range : not specified.

10 - STABILITY AND REACTIVITY

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

Conditions to avoid:

Materials to avoid:

Hazardous decomposition products:

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as: Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

Splashes in the eyes may cause irritation and reversible damage

It is generally agreed that substances contained are likely to cause tissue damage in less than four hours after application to the healthy, unbroken skin of an animal.

It is generally agreed that substances contained are likely to cause, among certain predisposed subjects, a sensitisation reaction by cutaneous route

On the basis of the properties of the epoxide components and toxicological data relating to similar preparations, the preparation may cause sensitisation of the skin and the respiratory organs and may also be an irritant

Constituents with a low molecular weight irritate the eyes, mucous membranes and the skin

Repeated contact with the skin may cause irritation and hypersensitisation, possibly in combination with other epoxide compounds.

In the event of exposure by inhalation:

In the event of swallowing:

In the event of splashes or contact with skin:

In the event of splashes or contact with eyes:

Other data:

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

Mobility:

Persistence and degradability:

Bioaccumulative potential:

Ecotoxicity:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other adverse effects:

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.


Soiled packaging:

Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

Local arrangements:

Codes of wastes (Decision 2001/573/EC, Directive 75/442/EEC, Directive 91/689/EEC on hazardous waste) :

14 - TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

UN3066=PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.		
	8	C9	III	8	80	LQ19	163		
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.			
	8	-	III	5 L	F-A,S-B	163 223 944			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	
	8	-	III	818	5 L	820	60 L	A3 A72	
	8	-	III	Y818	1 L	-	-	-	

15 - STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations
In addition directive 2001/59/EC with the 28° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

Preparation classification:

Corrosive.

Contains:

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612-067-00-9 3-AMINOMETHYL-3,5,5-TRIMETHYL-CYCLOHEXYLAMINE
M 00050 ACIDE SALICYLIQUE
M 00091 MELANGE D'HYDROCARBURES AROMATIQUES HYDROXYLES

Particular hazards associated with the preparation and safety recommendations:

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 43 May cause sensitization by skin contact.
R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R 34 Causes burns.
S 23 Do not breathe vapour.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39 Wear suitable protective clothing, gloves and eye/ face protection.
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 60 This material and its container must be disposed of as hazardous waste.
S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
S 9 Keep container in a well-ventilated place.

Particular provisions:
16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 2:

R 20/22 Harmful by inhalation and if swallowed.



- R 21/22 Harmful in contact with skin and if swallowed.
R 34 Causes burns.
R 36/38 Irritating to eyes and skin.
R 38 Irritating to skin.
R 41 Risk of serious damage to eyes.
R 43 May cause sensitization by skin contact.
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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