

SAFETY DATA SHEET

KEMIPOX HARDENER

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
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Product name : **KEMIPOX HARDENER**

Use of the substance/preparation: part of an epoxy system

Company/undertaking identification :

KEMICA COATINGS
ZA du Bois Gueslin
28630 MIGNIERES-France-
Tel: 02.37.26.33.56

Emergency call number : 02.37.26.33.56

2. COMPOSITION / INFORMATION ON COMPONENTS

Composition	%	N°CE	
Alkyl phenol	≥ 5 ≤ 10	202-679-0	Xn, R36/37/38 R52/43
3-aminométhyl-3,5,5-triméthylcyclohexylamine, isophoronediamine	≥10≤ 20	220-668-8	C R21/22, R34,R43, R52/53
m-phénylenebis(méthylamine)	≥10≤20	216-035-5	C R20/22, R34,R43, R52/53
alcool benzylique	≥20≤30	202-859-9	Xn, R20/22

3. HAZARD IDENTIFICATION

Irritating to eyes and skin, can be sensitizing to the skin.
Dangerous gases are formed as a result of combustion (see paragraph 10).
In reaction with some agent of cooking, very high heat can emerge

4. FIRST AID

In case of accident or gene, to immediately call a doctor, show the label, if possible.

Inhalation :	Move the victim to fresh air, and change contaminated clothing. Seek medical help.
Eye contact :	Wash with plenty of fresh, clean water for at least 20 minutes and now the open appeal to a doctor. Continue to rinse during transport of the victim.
Skin contact :	Rinse immediately with water (for 10 minutes) Remove contaminated product and clothing. To bandage with sterile gauze, consult a doctor.
Ingestion :	In case of accidental ingestion, rinse the oral cavity, drink 1-2 glasses of water. NOT to throw up.

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5. FIRE-FIGHTING MEASURES

Recommended extinguishing media :	CO2, foam or dry powder, water mist.
Not recommended :	High pressure water jet
Special risks :	Burning can produce oxide of carbon, aldehydes, acids, and unidentified organic compounds mixtures.
Special equipment :	Clothing protection and autonomous respiratory device.
Other information	ot pour water to the fire in the environment.

6. MEASURES TO TAKE IN CASE OF ACCIDENTAL RELEASE

Personal precautions :	Wear protective clothing protecting the eyes, hands and the ways of the respiratory system
Precautions for the protection of the environment :	Do not discharge into surface water or sewers
Cleaning methods :	Absorb the reversed products with an inert material (sand). Place in a tightly closed container and let destroyed by an approved agency.

7. HANDLING AND STORAGE

Manipulation	The usual precautions for handling chemicals must be observed. Ensure good ventilation and extraction of local air. Do not smoke, eat or drink during the handling of the product. Avoid any open flame or ignition source.
Storage	Store in a closed warehouse. Protect from heat. Keep away from sources of ignition and other types of substances. Keep in original containers tightly closed. Access prohibited to unauthorised personnel.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Individual protection

<u>Respiratory protection :</u>	Mask with filter appropriate protection. Ensure good ventilation/suction at the workstation.
<u>Hand protection :</u>	rubber gloves (butyle)
<u>Eye protection :</u>	Glasses or protective mask
<u>Skin protection :</u>	Wear appropriate protective clothing, safety shoes.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: yellow
Odour	: Ammoniacal
Flash point	: 80 ° C
Density	: 1.04 kg/liter (25 °C)
Explosion limit	: not explosive
Other information	: insoluble in water, soluble in alcohol

10. STABILITY AND REACTIVITY

Stability :	Stable under normal conditions
Materials to avoid	Acids, strong oxidizers and epoxies.
Dangerous decomposition products	No decomposition if used according to the requirements.

11. TOXICOLOGICAL INFORMATION

This product is a preparation according to the regulation on chemicals
Acute oral toxicity : LD50 > 200 - ≤ 2000 mg/kg of body weight.
Acute inhalatrice toxicity : harmful if inhaled.
Skin irritation : skin: corrosive.
Eye irritation : highly irritating.
Awareness: skin sensitization: raising awareness.
May cause sensitisation by inhalation.

12. ECOLOGICAL INFORMATION

Acute toxicity to fish : LC50 > 1 - ≤ 10 mg product/l.
Acute bacterial toxicity : ECO > 1 - ≤ 10 mg product/l
The product is not bio-degradable.

13. CONSIDERATIONS RELATED TO ELIMINATION

Residues eliminated in accordance with the regulations.

Disposing of empty packaging to comply with national and local regulations.
Contact specialty services Residues eliminated in accordance with the regulations.

14. INFORMATION ON THE TRANSPORT

TRANSPORT BY ROAD ADR/RID :

ONU :	2735
Class	8
Designation :	Polyamines liquides corrosives, N.S.A. (isophorondiamine,M-Xylyléne diamine)
Packaging group	III

IMDG MARITIME TRANSPORT:

ONU :	2735
Classe	8
Designation :	Polyamines liquides corrosives, N.O.S. (isophorondiamine, M-Xylyléne diamine)
Packaging group:	III
Marine pollutant	yes

TRANSPORT AERIEN OACI/IATA

ONU :	2375
Classe	8
Designation :	Polyamines liquide corrosive, N.O.S. (isophorondiamine, M-Xylyléne diamine)
Packaging group:	III

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15. REGULATORY INFORMATION

This product is labelled according to the European directive in effect :

C- corrosive

Risk phrases

R20/22 harmful by inhalation and if swallowed.
R34 causes burns.
R42/43 sensitisation by inhalation and skin contact.

Safety phrases

:
S24/25 avoid contact with skin and eyes
S26 in case of contact with eyes, wash immediately with plenty of water and consult a specialist.
S36/37/39 wear protective clothing, appropriate gloves and eye protection equipment / face
S46 if swallowed, consult a doctor immediately and show him the package or the label. .
S63 in case of accident by inhalation, carry the victim out of the contaminated area and keep the victim in rest.

16. OTHER INFORMATION

Text of risk phrases :

R20/22 harmful by inhalation and if swallowed.
R21/22 harmful in contact with skin and if swallowed. .
R34 causes burns.
R36/37/38 irritating to eyes, respiratory and skin.
R42/43 may cause sensitisation by inhalation and skin contact.
R43 may cause sensitization by skin contact.
R52/53 harmful to aquatic organisms, may cause harmful effects in the long term to the aquatic environment.

This sheet completes the technical notes of use but does not replace them.
The information it contains is based on the state of our knowledge relating to the product concerned, on the date indicated. They are given in good faith. The attention of users is also drawn to the risks possibly incurred when a product is used for other purposes than those for which it is designed.

It does not in any way dispense the user from knowing and applying all the texts regulating his activity. He will take on his own responsibility the precautions related to the use he makes of the product.

version: Creation

Major changes : none

END OF DOCUMENT