

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

INDUSTRIA PROEPOXI (B)

PRINTING DATE 07 2006

VERSION 6

REVISION 11 01 2022

SECTION 1. Identification of the substance/mixture and of the company

Product identifier

- Trade name

INDUSTRIA PRO EPOXI Comp. B

Product type and use:

Hardening substance for epoxy systems

Details of the supplier of the safety data sheet

- Supplier:

CIPA GRES SpA (Cipa Industrial Service)
Via Statale 467, n.119 - 42013 Casalgrande (RE)
Tel. +39 0522 846890 - Fax +39 0522 849910
www.cipagres.it ; E-mail: info@cipagres.it

- Further information obtainable from:

ufficiotecnico@cipagres.it

Emergency telephone number:

- Rica: tel. +39 0542 670689
- National Institute of Health: www.iss.it

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Product definition: Mixture or compound

- Classification in accordance to the Directive 67/548/EC, 99/45/CE and subsequent amendments

The product is classified dangerous in accordance to the directive 1999745/EC and subsequent amendments

2.1.1 Reg. 1272/2008 (CLP)

- Classification:

Eye Irrit.	H 319
Skin Irrit. 2	H315
Skin.Sens.1	H317
Aquatic Chronic.3	H412

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (B)

2.2 Elements of the label 67/448/EC ,99/45/EC



- Attention:

Hazard

H319 Cause eye irritation

H315 Cause skin irritation

H317 May cause an allergic skin reaction

H412 Harmful to aquatic life with long last term

- Content:

Fatty acid C18- Unsatd. Dimers,oligomeric reaction products with fatty acid , C16-C18 e C18- Unsaturated branched and linear and tetraethylenpentamine. Polimer. Reaction mass of trietine ,mono –and di-propoxylate

- Special disposition according to the enclosure XVII del REACH and subsequent adjustments: none

2.3 Other hazards

- Additional information:

- Results of PBT and vPvB assessment

- PBT: Based on available data, the product does not contain PBT substances

- vPvB: Based on available data, the product does not contain vPvB substances

SECTION 3: Composition/information on ingredients

Description

Mixtures

Contained substances dangerous for health in accordance to the Directive 67/548/ECC and to the Regulation CLP and subsequent adjustments or for which exist some limits recognized of exposition.

Fatty acid,C18-unsatd.dimers oligomeric Reaction products with fatty acid, C16-C18 E C18 unsatd, branched and linear and Tetraethylenpentamine		78-82%
CAS: EC : INDEX: Reg.nr.: POLIMER	Eye Irrit. 2, H319 Aquatic Chronic 3, H412 Skin Irrit. 2, H315 Skin Sens 1, H317	
Reaction mass of trietine ,mono and di-propoxylate		19,5-21%
CAS: 26950-63-0 EC : 942-835-1 Reg.nr.: 01-2120098765-38-xxx	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens 1B, H317 Aquatic Chronic 3, H412	

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (B)

SECTION 4: First aid measures

4.1 Description of first aid measures

- *After skin contact:*
wash immediately and richly with water and soap, keep off the contaminated clothes and eliminate them in a safe way.
- *After eye contact:*
Wash immediately and richly with water for a suitable time. Keep off eventuals contact Lenses.Call an ophthalmologist.
- *Ingestion:*
Do not induce vomiting.
- *Inhalation:*
Take the person injured at open air, if symptoms persist,call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

- Skin Contact:* It can cause inflammation and sensitization.
Eyes Contact: It can cause irritations that can last also 24 hours.
Ingestion: Irritation of the mucous of the throat and stomach.
Inhalation: no important effects or criticals dangers are known.

Indication of the possible necessity to call a doctor and of special treatment. In case of accident or disease call a doctor and show security form.

SECTION 5: Firefighting measures

5.1 means of extinction

- *Recommended fire extinguisher:*
CO₂ foam, powder. Cool down the cases exposed to the fire with water forbidden fire extinguishers.

5.2 Risk caused from combustion

Avoid to breath fumes,gas and vapours produced by the combustion. during the combustion toxes gases such as gas nitrosi ,carbon monoxide may form.

5.3 Recommendations for the persons assigned at the fire extinction

- *Protective equipment:*
Isolate the area promptly and move away all the people.
Move the not interested cases in a safe zone.
Collect the water used for the extinction in special cases,do not discharge towers.
- *Protective clothes:*
Use suitable clothes, gloves and total protection mask for the face.
Operate with proper respiratory equipment.

SECTION 6: Measures in case of accidental dispersion

6.1 Personal precautions, protective equipment and emergency procedures

- Wear personal protective equipment.
Move people to a safer place.

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (B)

6.2 Environmental precautions:

Contain spilled liquid with sand or inert absorbent material

Keep the product away from drains, surface waters and groundwater; in the case of runoff produced in a water course, drainage or soil contamination and vegetation please notify to the competent authorities .

6.3 Methods and material for containment and cleaning up:

Absorb with inert material and remove in accordance to the law.

Wash with water And liquid detergent.

6.4 Reference to other sections

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid the contact with skin and eyes

Avoid inhalation of vapors. Operate with the individuals precautions indicate at point 8.

Do not eat or drink during the work

The contaminated clothes have to be replaced before you entered in the dining areas

Do not use the empty cases until they have been cleaned.

7.2 Conditions for safe storage, including any incompatibilities

keep in closed cases in a fresh place

Keep away from food and drink

- Indications for rooms:

operate in a suitable ventilated place.

incompatible materials none

7.3 Specific end use(s)

none in particular

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure Limit Values DNEL and PNEC:

DNEL		
3,6,9-Triazaundecan-diammina		
For inhalation	Short term, systemic effect Short term, systemic effect	ND (professional workers) ND (professional workers)
Oral	Long term, systemic effect	ND (general population)

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (B)

PNEC	
PNEC	ND (Ground)
PNEC	ND (Fresh water)
PNEC	ND (Marine)
PNEC	ND (Sediment Water current)
PNEC	ND (Sediment Water marine)
PNEC	ND (Wastewater treatment plant)

8.2 Exposure controls

- Hand protection:

Use suitable gloves



- Material of gloves:

PVC

Neoprene

rubber

We recommend LLPDE (0.06 mm) nitrile (0.4mm), butyl (0.5mm)

- Eye protection:

Use airtight glasses and a suitable full facial protection in case of possible spillage or leakage.



- Skin protection:

Work with appropriate clothing that provides total protection of the skin.

- Respiratory protection:

Not necessary for the normal use, always use with the adequate ventilation.

All the devices of individual protection have to be in accordance to the relative Standard EC (as EN 374 for the gloves, EN 166 for the glasses) maintained efficient and kept in a proper way.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical State:

Liquid

- Colour:

Pale yellow

- Odour:

Ammonia

- Boiling point or initial boiling point and boiling range:

> 110°C

- Flash point:

Not flammable

- Density at 25 °C:

0,98

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (B)

- Solubility in water:
- Solubility in organic solvents:
- Viscosity at 25 °C:
- Alcalinity:
- Specific gravity Vapour:
- Flammable Limits :
- Auto-ignition temperature:

Miscible
Alcohols, Glycol ethers, Ketones
ca 400-700 mPa
pH 11
n.a.
n.a.
n.a.

9.2 Other Informations

Total solids (250°C /482°F) 100%

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

It may inflame on contact with strong oxidizing agents.

10.4 Conditions to avoid

The product is stable in normal conditions of use and storage.

10.5 Incompatible materials

Amines, acids, strong oxidizing agents.

10.6 Hazardous decomposition products:

In case of fire carbon oxides and fumes may liberate that could be dangerous for the health.

SECTION 11: Toxicological information

Information on toxicological effects

- Routes of entry:

Ingestion: Yes

Inhalation: Yes

Contact: Yes

- Toxicological information on the preparation:

There are no toxicological data available on the mixture Please note the concentration of dangerous substances in order to evaluate the toxicological effects deriving from the preparation.

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (B)

- Toxicological information on main components of the mixture

Acute Toxicity:		
Oral	LD50	NA (rat)
Oral	LD50	ND (rat)

- Corrosive / irritating:

-Testing: OECD 405 Acute Eye Eyes Rabbit Corrosive
Rabbit Skin Corrosive

-Testing: OECD 405 Acute Eye Eyes Rabbit Corrosive
Rabbit Skin Corrosive

-Sensitizing:

-Testing: OECD 406 Skin Sens. Skin Sensitizing Guinea india

-Testing: OECD 406 Skin Sens. Skin Sensitizing Guinea india

-Carcinogenicity: No known effects or critical dangers

-Mutagenicity: No known effects or critical dangers

There are no known teratogenic effects or critical dangers

-Developmental effects: No known effects or critical dangers

-Fertility effects: No known effect or critical dangers

SECTION 12: Ecological information

Use the product according to the indications given in the technical form; avoid to relase the product in the environment.

12.1 Ecotoxicity

Toxic to aquatic organisms.may cause long term adverse effects to the aquatic environment.

12.2 Mobility in the ground

n.a.

12.3 Persistence and degradability

n.a.

12.4 Potential of bio backlog

n.a.

12.5 Results of the valuation PBT and vPvB

PBT: Not applicable.

vPvB: Not applicable.

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (B)

SECTION 13: Considerations on waste disposal

13.1 13.1 Methods of treatment of waste:

Recover if possible. Operare in accordance with current local and national laws.
Dispose this material and its relative cases at a collection point for dangerous or special waste
Do not release to the environment .refer to special instructions / safety data sheets
91/156 / EEC, 91/689 / EEC, 94/62 / EEC and subsequent amendments
-Disposal of hardened product: EWC code CER 08 04 10
-Disposal of not hardened product: code CER 07 02 08

SECTION 14: Transport information

14.1 number ONU:

- ADR/RID-ADDN/RID, IMDG, IATA

14.2 UN proper shipping name:

14.3 Dangerous class(es):

14.4 Packing group:

14.5 Environmental hazards:

14.6 Special precautions for user

N.A.

14.7 bulk transport according to Annex II of Marpol 73/78 and the IBC Cod:

N.A.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Leg. 3/2/1997 52 (Classification, packaging and labeling of dangerous substances)
- Leg. 14/3/2003 n.65 (Classification, packaging and labeling of dangerous preparations)
- Leg. 9/4/2008 81
- Ministerial Decree 26/02/2004 Labour (Occupational Exposure Limits)
- Ministerial Decree 03/04/2007 (Implementation of Directive No. 8/2006 / EEC
- EC Regulation no. 1907/2006 REACH
- EC Regulation no. 1272/2008 CLP
- EC Regulation no. 790/2009 ATP 1 CLP
- EU Regulation 453/2010 (Annex 1)
- Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation n.1907 / 2006 REACH and subsequent adaptations: NONE
- EC 1907/2006 REACH Article 59 (Substances in the Candidate List): N.A.
- Regulation n. 1272/2008 CLP s.m.i
- Directive n. 1999/45 / EC (Dangerous preparations) and subsequent amendments

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (B)

- Directive n. 67/548 / EEC (substances) and s.m.i
- Dec.Lgs. 09/04/2008 n. 81 Title IX "Hazardous Substances" - Chapter I - Protection agents vehicle chemistry
- Directive 2000/39 / EC and subsequent amendments (Occupational exposure limits)
- Dec.Lgs. 03/04/2006 n. 152 and s.m.i (Environmental Regulations)
- Directive 105/2003 / EC (Seveso III): N.A.
- ADR - IMDG Code - IATA Regulations
- VOC (2004 /42/EC): N.A.

15.2 Chemical safety assessment No

SECTION 16: Other information

- Text of H phrases of section 3

- H319 Causes severe eye irritation
- H315 Causes skin irritation
- H317 May cause allergic skin reaction
- H314 Causes severe skin burns and eye damage
- H411 Toxic to aquatic organisms, may cause long-term adverse effects to aquatic organisms
- H373 May cause damage to organs through prolonged exposure through inhalation
- H302 Harmful if swallowed
- H312 Harmful in contact with skin
- H332 Harmful if inhaled

- Full text of Classification:

- C Corrosive
- N Dangerous for the environment

- Abbreviations and acronyms:

- ADR European Agreement concerning the international carriage of goods by road
- CAS Chemical Abstracts Service
- CLP Classification, Labeling, Packaging
- DNEL Derived No Effect Level
- EINECS European Inventory of Existing Commercial Chemical European
- GefStoffV Ordinance on Hazardous Substances in Germany
- GHS Globally Harmonized System of Classification and Labelling of Chemicals
- IATA International Air Transport Association
- IATA DGR Dangerous Goods Regulation of International Air Transport Association
- ICAO International Civil Aviation Organization
- ICAO-T.I. Technical Instructions of the "International Civil Aviation Organization"
- IMDG International Maritime Code for Dangerous Goods
- LC50 Lethal concentration for 50% of the population of Test
- LD50 lethal dose for 50% of the population of Test
- LTE Long-term exposure
- PNEC Predicted No Effect Concentration
- RID Regulations concerning the international carriage of dangerous goods by rail

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (B)

ETS exposure in the short term
STEL limit for short exposure time
STOT organ specific toxicity
TLV Threshold limit value for occupational exposure
TWA limit for the weighted average over 8 hours
OEL Occupational Exposure Limit Value Community
VLE Value occupational exposure limit
Hazard Class WGK Water in Germany
N.A. not applicable
N.a. not available

This sheet has been revised in all sections in accordance with Regulation 453/2010 / EC

The information contained herein is based on our knowledge at the date indicated above. It refers solely to the product indicated and constitutes no guarantee of particular quality. The user must verify the suitability and completeness of such information in relation to the specific use intended.