

SAFETY DATA SHEET

Conforms to the Directive Nr 1907/2006 (REACH)

INDUSTRIA PROEPOXI (A)

PRINTING DATE 07 2006

VERSION 6

REVISION 08 01 2021

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

Product identifier

- Trade name

INDUSTRIA PRO EPOXI Comp. A

Product type and use:

Epoxy grout for joints

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

- Classification according to Directive (EC) N.1999/45

The product is classified as dangerous in accordance with Directives 67/548 / EEC, 99/45 / EC, as amended, and of Reg. EC 1272 /2008 (CLP) and s.m.i.

Dir. 67/548/EEC

Classification:

Reg. EC 1272/2008 (CLP)

Eye Irrit. H 319

Skin Irrit. 2 H315

Skin.Sens.1 H317

Aquatic Chronic H412

- Dangers for human health: Irritating to the skin and eyes. It Can cause sensitization by contact with skin.

- Environmental dangers : Toxic to aquatic organisms, it may cause long-term effects negatives in the aquatic environment.

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2.2 Label elements



- Attention:

Danger

- H319 Cause eye irritation
- H315 Cause skin irritation
- H317 May cause an allergic skin reaction
- H412 Harmful to aquatic life with long last term

P264
P273
P280
P302+P352
P333+P313

- Dangerous ingredients:

Reaction product: 2,2-bis-4-(2,3-epoxypropoxy)phenyl-propane
Molecular weight <= 700
Reaction product: Bisphenol F - Epichlorohydrin epoxy resin with
Molecular weight <= 700
Oxirane, mono methyl C12 -14 alkyloxy derivatives

- Special provisions under the Annex special XVII del REACH and following adjustments: No

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

Mixture - modified epoxy resin and mineral fillers

Substances dangerous to health within the meaning of Directive 67/548 / EEC as amended, or for which there are exposure limits:

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Dangerous components

2,2-bis-4-(2,3-epoxypropoxy)phenyl-propane		7.5-10%
Reg.nr.: 01-2119456619-26 CAS: 1675-54-3 EC : 216-823-5 INDEX: 603-073-00-2	Epoxy Resin PM <= 700 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens 1, H317 Aquatic Chron.2, H411	
Reaction product of Epichlorohydrin-Bisphenol F		1.5-2.5%
Reg.nr.: 0121194543-92 CAS: 9003-36-5 EC : 500-006-8	Epoxy Resin PM <= 700 Skin Irrit. 2, H315 Skin Sens H317 Eye Irrit. 2, H319 Aquatic Chron.2, H411	
Oxirane range of C12 through C14 alkyl ether		1.5-2%
Reg.nr.: 01-21194852289 -22 EC: 271-846-8 INDEX: 603-103-00-4	Skin Irrit. 2, H315 Skin Sens H317	≥10<22%

SECTION 4: First aid measures

4.1 Description of first aid measures

- *After skin contact:*
Wash immediately with plenty of soap and water .Remove contaminated clothes eliminate the in a safe way
- *After eye contact:*
Wash immediately with plenty of water for a sufficient length of timeRemove any contact lenses. Call in ophthalmologist.
- *Ingestion:*
Do not induce vomiting, call a doctor immediately
- *Inhalation:*
Move victim to fresh air.If symptoms persist, call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin Contact: May cause inflammation and sensitization.
Eyes Contact: May cause irritation that may last up to 24 hours.
Ingestion: Irritation of the mucous membranes of the throat and stomach.
Inhalation: No known significant effects or critical dangers.

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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 to sewers.

- 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

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.

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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: Not available

Exposure Limit Values PNEC: Not available

8.2 Exposure controls

- *Hand protection:*



Wear suitable gloves

- *Material of gloves:*

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

- *Eye protection:*



Wear goggles and appropriate hermetic full facial protection in case of possibility of spillage or leakage.

- *Skin protection:*

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

- *Respiratory protection:*

None required for normal use with adequate ventilation always use. All personal protective equipment must comply with the standard EC relative (as EN 374 for gloves and EN 166 for goggles, correctly maintained and stored in an appropriate manner).

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Apparence:
- Colour:
- Odour:
- Boiling point or initial boiling point and boiling range:
- Flash point:
- Density at 25 °C:
- Solubility in water:
- Solubility in organic solvents:
- Viscosity at 25 °C:
- Specific gravity Vapour:
- Flammable Limits in Air:
- Auto-ignition temperature:

Thick paste
Various
Characteristic
n.a.
Not flammable
1.5 / 1.6
Not soluble
Alcohols, Glicoeteri, Ketones
ca 2000000 mPa
n.a.
n.a.
n.a.

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.

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- Toxicological information on main components of the mixture

Liquid epoxy resins of bisphenol A <700 CAS: 25068-38-6		
Oral	LD50	>15000 mg/kg (rat)
Skin	LD50	23000 mg/kg (rabbit)
Oxirane mono C12-C14 alkyloxy methyl derivatives CAS: 68609-97-2		
Oral	LD50	>19200 mg/kg (rat)
Skin	LD50	4500 mg/kg (rabbit)

- Corrosive / irritating:

-Skin: This product may cause irritation

-Eye: This product may cause irritation

-Sensitizing: Frequent contacts

-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

SECTION 12: Ecological information

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

12.1 Toxicity

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.

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SECTION 13: Disposal considerations

- *Resin residues, uncured:*
Recommendation, incineration plant for hazardous waste.
- *Resin residues, cured:*
Dispose of observing the local regulations.
- *Uncleaned packings:*
Empty contaminated packings in optimum way. After adequate cleaning they can be reused.

SECTION 14: Transport information

14.1 UN-Number or ID Number:

- ADR/RID-ADDN/RID, IMDG, IATA
N.A.

14.2 UN proper shipping name:

14.3 Dangerous class(es):

N.A.

14.4 Packing group:

N.A.

14.5 Environmental hazards:

No

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.

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- Regulation n. 1272/2008 CLP s.m.i
- Directive n. 1999/45 / EC (Dangerous preparations) and subsequent amendments
- 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) : Theoretic 0

Tried Emicode EC2 see attached GEV certificate

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

- 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
- ETS exposure in the short term
- STEL limit for short exposure time

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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.