SAFETY DATA SHEET

EDMOFLOOR EA 100 /A

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

1.1. Product Identifier:

Code: ***EDMOFLOOR EA 100 /A***

Designation: ***EDMOFLOOR EA 100 /A***

Chemical name and synonyms: **Paint product**

1.2. Relevant identified uses of the substance or mixture and uses not recommended:

No other information is available.

Use of the Substance/Preparation

Building materials for professional use

1.3. Information on the supplier of the safety data sheet

Company Name, Address, Town and State, e-mail address of the competent person, responsible for the safety data sheet:

EDMEC brand products are produced and distributed in Italy by:

D.M. S.r.l. unipersonale

41038 San Felice s/P (MO) - Via Scala n°628/D

Part. VAT and Tax Code: 03728460365

info@edmec.it – www.edmec.it

1.4. Emergency telephone number

Niguarda Poison Control Center tel. 02/66101029 (24 hours / 24 hours)

SECTION 2. Hazard Identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 Causes skin irritation.

Eye Irrit. 2 Causes severe eye irritation.

Skin Sens. 1A May cause an allergic skin reaction.

Aquatic Chronic 2 Toxic to aquatic organisms with long-lasting effects.

Harmful physicochemical effects on human health and the environment: No other hazards

2.2. Label Elements

Hazard pictograms:

Hazard statements:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes severe eye irritation.

H411 Toxic to aquatic life with long-lasting effects.

Precautionary statements:

P261 Avoid breathing in mist/vapours/aerosols.

P264 Wash hands thoroughly after use.

P273 Do not disperse in the environment.

P280 Wear protective gloves/clothing and protect your eyes/face.

P333+P313 If skin irritation or rash occurs: Seek medical attention.

P391 Pick up spilled material.

Special Provisions:

EUH208 Contains reaction product: bisphenol-A-epichlorohydrin; epoxy resins (average molecular weight <= 700). It can cause an allergic reaction.

EUH208 Contains oxirane, mono[(C12-14-alkyloxy)methyl] derivatives. It can cause an allergic reaction.

EUH205 Contains epoxy components. It can cause an allergic reaction.

Contains:

Thebisphenol F - epoxy resin

Special provisions under Annex XVII of REACH and subsequent amendments: none

2.3. Other hazards

No PBT or endocrine disrupting substances present in concentrations ≥ 0.1%

Other hazards: None

SECTION 3. Composition/Ingredient Information

3.1. Substances

Not relevant information.

3.2. Mixtures

Description: Hazardous components within the meaning of CLP and their classification.

Name	*Quantity*	*Identification number*	*Classification*	*Registration Number*
2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane	≥ 75 % - < 100 %	CAS:1675-54-3, 25068-38-6, 25085-99-8 CE:216-823-5 Index:603-073- 00-2	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Specific concentration limits: C ≥ 5%: Skin Irrit. 2 H315 C ≥ 5%: Eye Irrit. 2 H319	01-2119456619-26
oxyrane, mono[(C12-14-alkylthisy)methyl] derivatives	≥ 10 % - < 20 %	CAS:68609-97-2 CE:271-846-8 Index:603-103- 00-4	Skin Irrit. 2, H315; Skin Sens. 1B, H317	01-2119485289-22-XXXX
bisphenol F - epoxy resin	≥ 5 % - < 10 %	CAS:9003-36-5 CE:500-006-8	Skin Irrit. 2, H315; Skin Sens. 1A, H317; Aquatic Chronic 2, H411	01-2119454392-40-XXXX

SECTION 4. First Aid Measures

4.1. Description of first aid measures

In case of skin contact: Remove contaminated clothing immediately.

Immediately wash the areas of the body that have come into contact with the product, even if only suspicious, with plenty of running water and possibly soap.

Wash the body completely (shower or bath).

Remove contaminated clothing immediately and dispose of it safely.
In case of contact with eyes: Remove any contact lenses. Wash immediately and abundantly with water for at least 15 minutes, opening the eyelids well. Seek medical attention if the problem persists.
If swallowed: Do not vomit at all. SEEK MEDICAL ATTENTION IMMEDIATELY.
If inhaled: Bring subject to fresh air. If breathing is difficult, call a doctor immediately.

4.2. Main Symptoms and Effects, Both Acute and Delayed

Eye irritation

Eye damage

Irritation

Erythema

4.3. Indication of whether a doctor should be consulted immediately and special treatment

Treatment: None

SECTION 5. Fire Prevention Measures

5.1. Suitable extinguishing media

Water.
Carbon dioxide (CO2).
Fire extinguishing agents that must not be used for safety reasons: None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale the gases produced by the explosion and/or combustion, combustion produces heavy smoke.

5.3. Recommendations for firefighters

Use appropriate breathing equipment.
Collect the contaminated water used to extinguish the fire separately.
Do not discharge it into the sewer system.
If it is safe to do so, remove undamaged containers from the area of immediate danger.

SECTION 6. Measures in case of accidental release

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective equipment.
Move people to a safe place.
Refer to the protective measures set out in points 7 and 8.

6.2. Environmental precautions

Prevent penetration into the soil/subsoil.
Prevent runoff into surface water or sewer system.
Retain contaminated wash water and discard it.
In the event of a gas leak or penetration into waterways, soil or sewage systems, inform the responsible authorities.
Material suitable for collection: absorbent material, organic, sand.

6.3. Methods and Materials for Containment and Remediation

Vacuum the spilled product into a suitable container. Assess the compatibility of the vessel to be used with the product, checking section 10. Absorb the remainder with inert absorbent material

6.4. Reference to other sections

See also paragraphs 8 and 13.

SECTION 7. Handling & Storage

7.1. Precautions for safe handling

- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Do not eat or drink while working.
- Contaminated clothing must be replaced before entering the dining areas.

- Please also refer to section 8 for recommended protective equipment.
- General recommendations on occupational hygiene: Do not eat or drink while working.

7.2. Conditions for safe storage, including possible incompatibilities

- Keep away from food, drink and feed.
- Incompatible Subjects: None in particular
- Indication for the rooms: Adequately ventilated rooms.

7.3. Particular end-uses

No other information is available.

SECTION 8. Exposure Control/Personal Protection

8.1. Verifiers

PNEC Values

	NECP LIMIT	Route of Exposure	Frequency of exposure
oxirane, mono[(C12-14-alkyloxy)methyl]derivatives CAS: 68609-97-2	0.00072 mg/l	Seawater	
	0.0072 mg/l	Fresh water	
	66.77 mg/kg	Freshwater sediments	
	6.677 mg/kg	Seawater sediments	
	80.12 mg/kg	Soil	
	10 mg/l	Microorganisms in wastewater treatment	
Bisphenol F - Epoxy Resin CAS: 9003-36-5	10 mg/l	Microorganisms in wastewater treatment	
	0.003 mg/l	Seawater	
	0.003 mg/l	Fresh water	
	0.294 mg/kg	Freshwater sediments	
	0.0294 mg/kg	Seawater sediments	
	0.237 mg/kg	Soil	

8.2. Exposure Controls

Eye protection	Use safety visors closed, do not use eye lenses.
Skin protection	Wear clothing that provides total protection for the skin, e.g. made of cotton, rubber, PVC or viton.
Hand protection	Suitable materials for protective gloves; EN ISO 374: Polychloroprene - CR: thickness >= 0.5mm; Breaking time >= 480min. Nitrile rubber - NBR: thickness >= 0.35mm; Breaking time >= 480min. Butyl rubber - IIR: thickness >= 0.5mm; Breaking time >= 480min. Fluorinated rubber - FKM: thickness >= 0.4mm; Breaking time >= 480min. Neoprene (0.5 mm) is recommended. Gloves not recommended: gloves that are not waterproof
Respiratory protection	All personal protective equipment must comply with relevant CE standards (such as EN ISO 374 for gloves and EN ISO 166 for goggles), kept efficient and stored appropriately. Always consult the supplier of the protective equipment. Respiratory protection should be used where exposure levels exceed workplace exposure limits. Refer to the appropriate EN standards, such as EN 136, 140, 143, 149, 14387 for information on the selection and use of appropriate respiratory protection equipment. In case of insufficient ventilation, use a mask with ABEKP filters (EN 14387). Use appropriate respiratory protection.
Thermal Hazards	Nobody
Exposure control amb.	Nobody

Suitable technical controls	Nobody

SECTION 9. Physical and Chemical Properties

9.1. Information on Fundamental Physical and Chemical Properties

General information	
Physical Status	Liquid
Color	Transparent
Smell	Characteristic
Melting Point/Freezing Point	N.O.
Boiling point or initial boiling point and boiling range	N.O.
Inflammability	The product is classified as Flam. Liq. 3 H22
Lower and upper explosive limits	N.O.
Flash point	> 100 °C
Auto-ignition temperature	N.O.
ph	N.O.
Kinematic viscosity	1000.00 cPs
Water solubility	insoluble
Fat solubility	Partially soluble
n-octanol/water partition coefficient (logarithmic value)	N.O.
Vapor Pressure	N.O.
Density and/or relative density	1.16 Kg/L
Relative Vapor Density	N.O.
Particle size	N.O.

9.2. Other Information.

No other relevant information

SECTION 10. Stability and responsiveness

10.1. Responsiveness

Stable under normal conditions

10.2. Chemical Stability

Stable under normal conditions

10.3. Possibility of Dangerous Reactions

Nobody

10.4. Conditions to be avoided

Stable under normal conditions

10.5. Incompatible Materials

Avoid contact with oxidizing materials. The product may become inflamed

10.6. Hazardous Decomposition Products.

Nobody

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

a) Acute toxicity: Unclassified - No data available for the product.
b) Skin corrosion/irritation: The product is classified: Skin Irrit. 2(H315)
c) Serious Eye Injury/Severe Eye Irritation: The product is classified: Eye Irrit. 2(H319).
d) Respiratory or skin sensitization: the product is classified – Skin sens. 1(H317)
e) Germ cell mutagenicity: Unclassified - No data available for the product.
f) Carcinogenicity: Unclassified - No data available for the product.

g) Reproductive toxicity: Unclassified - No data available for the product.
h) Specific Target Organ Toxicity (STOT) — Unclassified — No data available for the product.
i) Specific Target Organ Toxicity (STOT) — Unclassified — No data available for the product.
j) Suction hazard: Not classified - No data available for the product.
Toxicological information on the main substances present in the product: N.A.

Toxicological information on the main substances in the mixture is provided below:

2,2-bis-[4-(2,3-epoxypropoxy)phenyl]-propane	(a) Acute toxicity	LD50 Rabbit Skin = 20 mg/kg LD50 Oral Rat = 11300 µL/kg LD50 Rabbit Skin = 20000 mg/kg
oxyrane, mono[(C12-14-alkylthisy)methyl] derivatives	(a) Acute toxicity	LD50 Oral Rat = 19200 mg/kg LD50 Rabbit Skin = 4000, mg/kg
bisphenol F - epoxy resin	(a) Acute toxicity	LD50 Oral Rat > 5000, mg/kg LD50 Rat Skin > 2000 mg/kg
	(i) Specific Target Organ Toxicity (STOT) — Repeated Exposure	NOAEL Oral = 250 mg/kg

11.2. Information on other hazards

Endocrine disrupting properties: No endocrine disruptors present in concentration ≥ 0.1%

SECTION 12. Ecological information

12.1. Toxicity

Use according to good working practices, avoiding dispersing the product into the environment.
Eco-toxicological information:

List of Eco-Toxicological Properties of the product

Product is classified: Aquatic Chronic 2(H411)

List of Eco-Toxicological Properties of Constituents

Component	Identification number	Eco-toxicological information
oxyrane, mono[(C12-14-alkylthisy)methyl] derivatives	CAS: 68609-97-2 EINECS: 271-846-8 INDEX: 603-103-00-4	a) Acute aquatic toxicity : LC50 Fish > 100 mg/L 96h a) Acute aquatic toxicity: EL50 Daphnie = 7.2 mg/L 48h a) Acute aquatic toxicity: EC50 Algae = 843 mg/L 72h (b) Chronic aquatic toxicity: NOEC Algae = 500 mg/L 72h
bisphenol F - epoxy resin	CAS: 9003-36-5 EINECS: 500-006-8	a) Acute aquatic toxicity : LC50 Fish = 5.7 mg/L 96h a) Acute aquatic toxicity: EC50 Daphnias = 2.55 mg/L 48h a) Acute aquatic toxicity: EC50 Algae = 1.8 mg/L 72h

12.2. Persistence and Degradability

Component	Persistence/biodegradability
oxyrane, mono[(C12-14-alkylthisy)methyl] derivat	Rapidly degradable

12.3. Bioaccumulation Potential

Component	Bioaccumulation
oxyrane, mono[(C12-14-alkylthisy)methyl] derivat	Rapidly degradable

12.4. Mobility in the Soil

N.O.

12.5. PBT and vPvB Assessment Results

PBT: None - **vPvB:** None

12.6. Endocrine Disrupting Properties

No endocrine disruptors present in a concentration ≥ 0.1%

12.7. Other Adverse Effects

Nobody

SECTION 13. Disposal Considerations

13.1. Waste Treatment Methods

Waste generation should be avoided or minimised wherever possible. Recover if possible.
It is not possible to specify a waste code (CER) according to the European Waste List (LoW), due to dependence on use.
Contact and send to an authorized waste disposal service.

Disposal methods:
The disposal of this product, solutions, packaging and any by-products must always comply with the requirements of environmental protection and waste disposal legislation and the requirements of local and regional authorities. Dispose of excess and non-recyclable products through a licensed waste disposal contractor. Do not dispose of waste in the sewers.

Hazardous Waste: Yes

Disposal Considerations:
Do not allow entry into drains or waterways.
Dispose of the product according to all applicable federal, state, and local regulations.
If this product is mixed with other waste, the original waste code may no longer be applicable and the appropriate code should be assigned.
Dispose of containers contaminated by the product in accordance with local or national regulations.
For more information, please contact your local waste authority.
Dispose of containers contaminated by the product in accordance with local or national regulations. For more information, please contact your local waste authority.

Special Precautions:
This material and its container must be disposed of safely.
Use caution when handling empty, untreated containers.
Avoid dispersion of spilled material and runoff and contact with soil, waterways, drains and sewers. Empty containers or liners may retain some product residue. Do not reuse empty containers.

SECTION 14. Transportation Information

14.1. Numero UN the number ID

3082

14.2. Official UN Transport Designation

ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS MATTER, LIQUID, N.A.S. (epoxy resins)
IATA-Nome tecnico: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resins)
IMDG-Nome tecnico: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resins)

14.3. Transport-related hazard classes

ADR-Class: 9
IATA-Classe: 9
IMDG-Class: 9

14.4. Packaging Group

ADR-Packing Group: III

IATA-Packaging Group: III
IMDG-Packing Group: III

14.5. Hazards to the Environment

Marine Pollutant Yes
Environmental Pollutant: Yes
IMDG-EMS: F-A, S-F

14.6. Special Precautions for Users

Road and Rail (ADR-RID):
ADR-Label: 9
ADR-Hazard Identification Number: 90
ADR-Special Provisions: 274 335 375 601
ADR-Tunnel Restriction Code: 3 (-)
Air (IATA) :
IATA-Passenger aircraft: 964
IATA-Aerei Cargo: 964 IATA-Etichetta: 9
IATA-Secondary Hazard: - IATA-Erg: 9L
IATA-Special Provisions: A97 A158 A197
Sea (IMDG) :
IMDG-Stowage Code: Category A
IMDG-Stowage Note:-
IMDG-Secondary Hazard: -
IMDG-Special Provisions: 274 335 969
IMDG-EMS: F-A, S-F

14.7. Maritime Bulk Transport in accordance with IMO Acts

N.O.

SECTION 15. Regulatory Information

15.1. Health, safety and environmental laws and regulations specific to the substance or mixture

- Legislative Decree 9/4/2008 n.81
- D.M. Lavoro 26/02/2004 (Occupational exposure limits)
- Regulation (EC) No 1907/2006 (REACH)
- Regulation (EC) No 1272/2008 (CLP)
- Regulations (EC) No 790/2009 (ATP 1 CLP) and (EU) No 758/2013
- Regulation (EU) 2020/878
- Regulation (EU) No 286/2011 (ATP 2 CLP)
- Regulation (EU) No 618/2012 (ATP 3 CLP)
- Regulation (EU) No 487/2013 (ATP 4 CLP)
- Regulation (EU) No 944/2013 (ATP 5 CLP)
- Regulation (EU) No 605/2014 (ATP 6 CLP)
- Regulation (EU) 2015/1221 (ATP 7 CLP)
- Regulation (EU) 2016/918 (ATP 8 CLP)
- Regulation (EU) 2016/1179 (ATP 9 CLP)
- Regulation (EU) 2017/776 (ATP 10 CLP)
- Regulation (EU) 2018/669 (ATP 11 CLP)
- Regulation (EU) 2018/1480 (ATP 13 CLP)
- Regulation (EU) 2019/521 (ATP 12 CLP)

- Regulation (EU) 2020/217 (ATP 14 CLP)
- Regulation (EU) 2020/1182 (ATP 15 CLP)
- Regulation (EU) 2021/643 (ATP 16 CLP)

Provisions relating to EU Directive 2012/18 (Seveso III):

Category Seveso III according to Ar 1, part 1	Lower Threshold Requirements (Tonnes)	Upper Threshold Requirements (Tonnes)
The product belongs to the categories: E2	200	500

Restrictions on the product or substances contained in accordance with Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments.

Product Restrictions: 3

Restrictions on substances contained: 75

Where applicable, please refer to the following regulations:

- Ministerial Circulars 46 and 61 (Aromatic amines).
- Directive 2012/18/EU (Seveso III)
- Regulation 648/2004/EC (detergents).
- D.L. 3/4/2006 n. 152 Environmental regulations
- Dir. 2004/42/CE (Direttiva COV)

Provisions relating to EU Directive 2012/18 (Seveso III): Category Seveso III in accordance with Annex 1, part 1

15.2. Chemical Safety Assessment

A chemical safety assessment has not been prepared for the mixture.

SECTION 16. Other information

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes severe eye irritation.

H411 Toxic to aquatic life with long-lasting effects.

Hazard class and category	***Description***
Skin Irrit. 2	*Skin irritation, Category 2*
Eye Irrit. 2	*Eye irritation, Category 2*
Skin Sens. 1	*Skin sensitization, Category 1*
Skin Sens. 1A	*Skin Sensitization, Category 1A*
Skin Sens. 1B	*Skin Sensitization, Category 1B*
Aquatic Chronic 2	*Chronic (long-term) hazard to the aquatic environment, Category 2*

This fact sheet has been revised in all its sections in accordance with Regulation 2020/878.

This document has been prepared by a competent SDS technician who has received appropriate training.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (divisione della American Chemical Society).

CLP: Classification, Labelling, Packaging.

DNEL: Derived level with no effect.

EINECS: European Inventory of Commercially Available European Chemicals.

GefStoffVO: Ordinance on Hazardous Substances in Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulations of the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions of the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
KSt: Coefficient of explosion.
LC50: Lethal concentration for 50 percent of the test population.
LD50: Lethal dose for 50 percent of the test population.
PNEC: Predicted concentration with no effect.
RID: Regulation Concerning the International Carriage of Dangerous Goods by Rail.
STA: Estimation of Acute Toxicity
STAmix: Estimation of Acute Toxicity (Mixtures)
STEL: Short-term exposure limit.
STOT: Organ-specific toxicity.
TLV: Threshold limit value.
TWA: Time-Weighted Average
WGK: Water Hazard Class (Germany).

For more technical information:
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