SAFETY DATA SHEET

EMOFLOOR EA 100 /B

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

1.1. Product Identifier:

Denominazione: ***EDMOFLOOR EA 100 /B***

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

Acute Tox. 4	Harmful if ingested.
Skin irrit. 2	Causes skin irritation
Eye irrit. 2	It causes severe eye irritation.
Skin Sens. 1A	It can cause an allergic skin reaction.

2.2. Label Elements

Hazard pictograms:

Hazard statements:

H332 Harmful if ingested.

H315 It causes skin irritation.

H317 It can cause an allergic skin reaction.

H319 Causes serious eye damage

H334 It can result in allergy or asthma symptoms or difficulty breathing if inhaled.

Precautionary statements:

P261 Avoid breathing in mist/vapors/aerosols.

P284 [When the ventilation of the room is insufficient] wear respiratory protective equipment.

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

P305+P351+P338 IN CASE OF EYE CONTACT: Rinse thoroughly for several minutes. Remove any contact lenses if it is easy to do so. Continue rinsing.

P310 Contact a POISON CENTER immediately.

2.3. Other hazards

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

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*
Ethylenediamine	< 2 %	CE: 203-468-6 CAS Number: 107-15-3 Table of Contents: 612-006-00-6	Flam. Liq. 3, H226 Resp sens 1, H334 Skin corr. 1B, H314 Acute tox. 4, H312 Acute tox. 4, H312 Skin sens. 1 , H317

SECTION 4. First Aid Measures

4.1. Description of first aid measures

- *In case of skin contact:* Remove contaminated clothing and footwear. Wash thoroughly with soap and water or use an effective skin cleanser. DO NOT use solvents or thinners.
- *In case of contact with eyes:* Remove contact lenses, rinse thoroughly with clean, fresh water, keeping the eyelids open for at least 10 minutes and seek medical attention immediately
- *In case of ingestion:* If swallowed, seek medical attention immediately and show the container or label. Keep the person warm and at rest. DO NOT induce vomiting.
- *In case of inhalation:* Bring to fresh air. Keep the person warm and at rest. In case of shortness of breath, irregular breathing, or respiratory arrest, practice artificial respiration or have trained personnel administer oxygen.

4.2. Main Symptoms and Effects, Both Acute and Delayed

Treatment: None

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

Small Spill:

Stop the escape if there is no risk. Move the containers away from the spill area. Use non-sparking tools and explosion-proof equipment. Dilute with water and absorb if water-soluble. Alternatively, or if insoluble in water, absorb with dry inert material and dispose of in appropriate waste container. Dispose of by an authorized waste disposal company.

Large spill:

Stop the escape if there is no risk. Move the containers away from the spill area. Use non-sparking tools and explosion-proof equipment. Move closer to the windward emission source. Prevent leakage into sewer systems, waterways, basements, or confined areas. Flush and convey spilled quantities to a waste treatment plant or proceed as follows. Circumscribe and collect any spills with non-combustible absorbent material, such as sand, soil, vermiculite, diatomite and dispose of the product in a container in accordance with current regulations. Dispose of by an authorized waste disposal company. A contaminated absorbent material can cause the same hazard as spilled product.

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.
- 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

Store at temperatures between: 0 to 35°C (32 to 95°F). Store according to local regulations. Store in a separate, approved area. Store in the original container out of direct sunlight in a dry, cool, well-ventilated area away from other incompatible materials (see Section 10) and food and beverages. Store under lock and key. Eliminate all sources of ignition. Separate from oxidizing materials. Keep the container tightened and sealed until ready to use. Opened containers should be carefully resealed and kept straight to prevent accidental spillage of the product. Do not store in unlabeled containers. Provide adequate containment systems to avoid environmental pollution. Before handling or use, see Section 10 for information on incompatible materials.

7.3. Particular end-uses

No other information is available.

SECTION 8. Exposure Control/Personal Protection

8.1. Verifiers

Occupational Exposure Limits

The product does not contain significant quantities of materials with critical values that must be monitored at the workplace

8.2. Exposure Controls

Eye protection	Splash-proof goggles resistant to chemicals. Use eye protection according to EN166
Skin protection	No special precautions are required for normal use.
Hand protection	Chemical-resistant and waterproof gloves that comply with approved standards should always be used when handling chemicals if the risk assessment indicates the need for them. In the case of mixtures composed of several substances, it is not possible to accurately estimate the protection time of the gloves. The recommended gloves are based on the most common solvent contained in the product.
Respiratory protection	The choice of respirator should be based on known or anticipated exposure levels, the risks of the product, and the limits of safe operation of the chosen respirator.
Thermal Hazards	Nobody
Exposure control amb.	Emissions from ventilation equipment or work processes should be controlled to ensure that they comply with the requirements of environmental protection legislation. In some cases, it will be necessary to perform flue gas flushing, add filters, or make technical changes to process equipment to reduce emission to acceptable levels.
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	Various
Smell	Characteristic
Melting Point/Freezing Point	N.O.
Boiling point or initial boiling point and boiling range	N.O.
Inflammability	N.O.
Lower and upper explosive limits	N.O.
Flash point	104°C
Auto-ignition temperature	N.O.
ph	10,5
Kinematic viscosity	900 cps
Water solubility	Not soluble
Fat solubility	N.O.
n-octanol/water partition coefficient (logarithmic value)	N.O.
Vapor Pressure	N.O.
Density and/or relative density	0.98 g/cm3
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

No specific experimental reactivity data are available for this product or its ingredients.

10.2. Chemical Stability

Stable under normal conditions

10.3. Possibility of Dangerous Reactions

Nobody

10.4. Conditions to be avoided

When exposed to high temperatures, it can produce dangerous decomposition products.

10.5. Incompatible Materials

To avoid strong exothermic reactions, keep away from the following materials: oxidizing agents, strong alkalis, strong acids.

10.6. Hazardous Decomposition Products.

Depending on the conditions, decomposition products may include the following materials: carbon oxides sulfur oxides halogenated compounds metal oxide/oxides.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

a) Acute toxicity:

Name	***Result***	***Species***	***Dose***	***Exhibition***
Ethylenediamine	CL50 For Inhalation Vapors	Rat	0.3 mg/l	4 hours
	DL50 Dermal	Rabbit	730 mg/kg	-
	DL50 Oral	Rat	500 mg/kg	-

b) Skin corrosion/irritation: Cause skin irritation
c) Serious Eye Injury/Severe Eye Irritation: Causes serious eye irritation.
d) Respiratory or skin sensitization: May cause allergy or asthma or difficulty breathing.
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) — Single exposure: Unclassified - No data available for the product.
i) Specific Target Organ Toxicity (STOT) — Repeated Exposure: 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.

11.2. Information on other hazards

Endocrine disrupting properties: N.A.

SECTION 12. Ecological information

12.1. Toxicity

No data available for the product.

12.2. Persistence and Degradability

No data available for the product.

12.3. Bioaccumulation Potential

No data available for the product.

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 whenever possible. The disposal of this product, solutions and any by-products must always be carried out in accordance with the legal specifications on environmental protection and waste disposal and the requirements of any relevant local authority. Dispose of surplus and non-recyclable products through an authorized waste disposal company. Untreated waste should not be disposed of in the sewer system unless it fully complies with the requirements of each entity and regulations.

SECTION 14. Transportation Information

- 14.1 Numero UN number ID

N.O.

14.2 Official UN designation of carriage

N.O.

14.3 Transport-related hazard classes

N.O.

14.4 Packing Assembly

N.O.

14.5 Environmental Hazards

N.O.

14.6 Special precautions for users

N.O.

14.7 Maritime Bulk Transportation 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)

Restrictions on the product or substances contained in accordance with Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments.
Product Restrictions: No Restrictions
Restrictions on substances contained: Restriction 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

H332 Harmful if ingested.

H315 It causes skin irritation.

H317 It can cause an allergic skin reaction.

H319 Causes serious eye damage

H334 It can result in allergy or asthma symptoms or difficulty breathing if inhaled.

Hazard class and category	***Description***
Acute Tox. 4	ACUTE TOXICITY - Category 4
Skin irrit 2	SUCTION HAZARD - CATEGORY 1
Eye irrit. 2	CARCINOGENICITY - Category 2
Skin Sens. 1A	SERIOUS EYE INJURY/EYE IRRITATION - Category 2

This fact sheet has been revised in all its sections in accordance with Regulation 2020/878.
Classification and procedure used to derive it under Regulation (EC) 1272/2008 [CLP] in relation to mixtures:

Classification under Regulation (EC) No 1272/2008	***Classification Procedure***
Acute Tox.	Calculation Method
Skin irrit.	Calculation Method
Eye irrit.	Calculation Method
Skin Sens.	Calculation Method

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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