

**SAFETY DATA SHEET****EDMOFLOOR AP 300/B****SECTION 1. Identification of the substance or mixture and the company/undertaking****1.1. Product Identifier:**Codice: **EDMOFLOOR AP 300/B**Denominazione: **EDMOFLOOR AP 300 /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.
STOT SE 3	It can irritate the respiratory tract.
Skin Sens. 1	It can cause an allergic skin reaction.
Aquatic chronic 3	Harmful to aquatic organisms with long-lasting effects.

**2.2. Label Elements****Label elements:** The mixture is not considered hazardous in accordance with EC Regulation 1272/2008 (CLP).**Hazard pictograms:****Hazard statements:**

H332	It's nighttime.
H335	It can irritate the respiratory tract.
H317	It can cause an allergic skin reaction.
H412	Harmful to aquatic organisms with long-lasting effects.
EUH204	Contains isocyanates. It can cause an allergic reaction.
EUH208	Contains:

HEXAMETHYLENE-1,6-DIISOCYANATE

**For more technical information:**

EDMEC D.M.

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

Part. VAT and Tax Code: 03728460365

info@edmec.it – www.edmec.it

It can cause an allergic reaction.

**Precautionary statements:**

**P273** Do not disperse in the environment.  
**P280** Wear gloves/protective clothing/eye/face protection.  
**P304+P340** IN CASE OF INHALATION: transport the injured person to fresh air and keep him at rest in a position that favors breathing.  
**P312** If you feel unwell, contact a POISON CENTER or a doctor.  
**P403+P233** Keep the container tightly closed and in a well-ventilated place.

**Contains:** ALIPHATIC POLYISOCYANATE

**Special provisions under Annex XVII of REACH and subsequent amendments:** None

**2.3. Other hazards**

No PBT or endocrine disrupting substances present in concentrations  $\geq 0.1\%$

**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.

<b>Name</b>	<b>Quantity</b>	<b>Identification number</b>	<b>Classification</b>
Aliphatic polyisocyanate	$\geq 50\%$ - $< 100\%$	Index: - CAS: 666723-27-9 EC:-	Acute Tox. 4 H332 FROM STOT 3H335 Skin Sens. 1 H317 Aquatic Chronic 3 H412
Hexamethylene-1,6-diisocyanate	$\geq 0.1\%$ - $< 0.5\%$	INDEX: 615-011-00-1 CAS: 822-06-0 CE: 212-485-8	Acute Tox. 1 H330 Acute Tox. 4 H302 Skin Corr. 1C H314 FROM STOT 3H335 Respl. Sens. 1 H334 Skin Sens. 1 H317

**SECTION 4. First Aid Measures****4.1. Description of first aid measures**

- **In case of skin contact:** Remove contaminated clothing. Wash immediately and thoroughly with water. If irritation persists, seek medical attention. Wash contaminated clothing before reuse.
- **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**

Nobody

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

Treatment: None

**SECTION 5. Fire Prevention Measures****For more technical information:**

EDMEC D.M.

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

Part. VAT and Tax Code: 03728460365

info@edmec.it – www.edmec.it

### 5.1. Suitable extinguishing media

Water.

Carbon dioxide (CO<sub>2</sub>).

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.
- 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

Name	Type OEL	Country	Ceiling	Long-term mg/m <sup>3</sup>	Long-term ppm	Short term mg/m <sup>3</sup>	Short term ppm	Notes
HEXAMETHYLENE-1,6-DIISOCYANATE	TLV-ACGIH			0,034	0,005			

### 8.2. Exposure Controls

<u>Eye protection</u>	It is recommended to wear hermetic protective goggles (ref. EN 166)
-----------------------	---

**For more technical information:**

EDMEC D.M.

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

Part. VAT and Tax Code: 03728460365

info@edmec.it – www.edmec.it

<u>Skin protection</u>	Wear long-sleeved work clothes and category II safety footwear for professional use (ref. Directive 89/686/EEC and EN ISO 20344). Wash with soap and water after removing protective clothing.
<u>Hand protection</u>	Protect your hands with category III work gloves (ref. EN 374). For the final choice of the material of work gloves, the following must be considered: compatibility, degradation, breaking time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and mode of use.
<u>Respiratory protection</u>	If the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product is exceeded, it is recommended to wear a type B filter mask whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. EN 14387). If gases or vapours of different nature and/or gases or vapours with particles (aerosols, fumes, mists, etc.) are present, combined filters must be provided. The use of respiratory protective equipment is necessary if the technical measures taken are not sufficient to limit the exposure of the worker to the threshold values taken into account. However, the protection offered by masks is limited. In the event that the substance in question is odourless or its olfactory threshold is higher than the relevant TLV-TWA and in case of emergency, wear an open-circuit compressed air breathing apparatus (ref. EN 137) or an external air intake respirator (ref. EN 138). For the correct choice of respiratory protective equipment, refer to EN 529.
<u>Thermal Hazards</u>	Nobody
<u>Exposure control amb.</u>	Nobody
<u>Suitable technical controls</u>	Nobody

## **SECTION 9. Physical and Chemical Properties**

### **9.1. Information on Fundamental Physical and Chemical Properties**

<b><u>General information</u></b>	
<u>Physical Status</u>	Liquid
<u>Color</u>	Transparent
<u>Smell</u>	Light
<u>Melting Point/Freezing Point</u>	N.O.
<u>Boiling point or initial boiling point and boiling range</u>	N.O.
<u>Inflammability</u>	> 100 °C
<u>Lower and upper explosive limits</u>	N.O.
<u>Flash point</u>	N.O.
<u>Auto-ignition temperature</u>	N.O.
<u>ph</u>	N.O.
<u>Kinematic viscosity</u>	N.O.
<u>Water solubility</u>	Soluble in water
<u>Fat solubility</u>	N.O.
<u>n-octanol/water partition coefficient (logarithmic value)</u>	N.O.
<u>Vapor Pressure</u>	N.O.
<u>Density and/or relative density</u>	1.10 Kg/L
<u>Relative Vapor Density</u>	N.O.
<u>Particle size</u>	N.O.

### **9.2. Other Information.**

No other relevant information

## **SECTION 10. Stability and responsiveness**

### **10.1. Responsiveness**

**For more technical information:**

EDMEC D.M.

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

Part. VAT and Tax Code: 03728460365

info@edmec.it – www.edmec.it

Stable under normal conditions

HEXAMETHYLENE-1,6-DIISOCYANATE: decomposes at 255°C. It cures at temperatures above 200°C.

### 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

HEXAMETHYLENE-1,6-DIISOCYANATE: Avoid exposure to high temperatures, humidity.

### 10.5. Incompatible Materials

HEXAMETHYLENE-1,6-DIISOCYANATE: alcohols, carboxylic acids, amines and strong bases.

### 10.6. Hazardous Decomposition Products.

HEXAMETHYLENE-1,6-DIISOCYANATE: nitrogen oxides, hydrogen cyanide.

## **SECTION 11. Toxicological information**

### 11.1. Information on toxicological effects

#### Acute toxicity:

- a) Acute toxicity: the product is classified – Acute tox. 4 (H332)
- b) Skin corrosion/irritation: Not classified - No data available for the product.
- c) Serious Eye Injury/Severe Eye Irritation: Unclassified - No data available for the product.
- 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) — single exposure: the product is classified – STOT SE 3 (H335)
- 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: No endocrine disruptors present in concentration  $\geq 0.1\%$

## **SECTION 12. Ecological information**

### 12.1. Toxicity

N.O.

### 12.2. Persistence and Degradability

N.O.

### 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  $\geq 0.1\%$

### 12.7. Other Adverse Effects

Nobody

#### **For more technical information:**

[EDMEC D.M.](mailto:info@edmec.it)

[Via Scala n°628/D - 41038 San Felice s/P \(MO\)](mailto:info@edmec.it)

[Part. VAT and Tax Code: 03728460365](mailto:info@edmec.it)

[info@edmec.it – www.edmec.it](mailto:info@edmec.it)

## **SECTION 13. Disposal Considerations**

### **13.1. Waste Treatment Methods**

Reuse, if possible. Product residues are to be considered special hazardous waste. The hazardousness of waste containing some of this product must be assessed in accordance with the legal provisions in force.

Disposal must be entrusted to an authorized waste management company, in compliance with national and, if necessary, local legislation. Do not disperse the product in the ground, sewers or waterways.

#### **CONTAMINATED PACKAGING**

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

## **SECTION 14. Transportation Information**

The product is not to be considered dangerous under the regulations in force on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

## **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).

#### **For more technical information:**

*EDMEC D.M.*

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

*Part. VAT and Tax Code: 03728460365*

*info@edmec.it – www.edmec.it*

- 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**

**H330** The aircraft is inalato.

**H335** May irritate the respiratory tract

**H332** Harmful if inhaled.

**H317** May cause an allergic skin reaction.

**H302** Harmful if swallowed.

**H334** May cause allergic or asthmatic symptoms or difficulty breathing if inhaled.

**H411** Toxic to aquatic life with long-lasting effects.

**H314** Causes severe skin burns and serious eye damage.

**H412** Harmful to aquatic life with long-lasting effects.

**EUH204** Contains isocyanates. May cause an allergic reaction

<b><u>Hazard class and category</u></b>	<b><u>Description</u></b>
<i>Acute Tox. 1</i>	<i>Acute Toxicity Category 1</i>
<i>Acute Tox. 4</i>	<i>Acute toxicity (oral), Category 4</i>
<i>Skin Corr. 1C</i>	<i>Skin corrosion, Category 1C</i>
<i>STOT SE 3</i>	<i>Specific Target Organ Toxicity - Single Exposure, Category 3</i>
<i>Resp. Sens. 1</i>	<i>Respiratory sensitization, category 1</i>
<i>Skin Sens. 1</i>	<i>Skin sensitization, Category 1</i>
<i>Aquatic Chronic 3</i>	<i>Chronic (long-term) hazard to the aquatic environment, Category 3</i>

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

**For more technical information:**

[EDMEC D.M.](mailto:info@edmec.it)

[Via Scala n°628/D - 41038 San Felice s/P \(MO\)](mailto:info@edmec.it)

[Part. VAT and Tax Code: 03728460365](mailto:info@edmec.it)

[info@edmec.it – www.edmec.it](mailto:info@edmec.it)

**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:**

*EDMEC D.M.*

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

*Part. VAT and Tax Code: 03728460365*

*info@edmec.it – www.edmec.it*