

Material Safety Data Sheet

Polyurethane Sealant

ADROSEAL PU 201

1. Identification of the substance/preparation and the company

Product Name:	Polyurethane Sealant ADROSEAL PU 201
Applications:	Structural Bonding
Manufacturer:	ADROIT ENDÜSTRİYEL YAPIŞTIRICI VE KİMYA A.Ş.
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2. Composition /information on ingredients

INGREDIENTS:

Chemical Name:	CAS Number:	Proportion:
Polyurethane Prepolymer	63439-95-2	40 - 60 %
Dinonyl Phthalate	28553-12-0	15 - 30 %
Calcium Carbonate	19569-21-2	10 - 25%

3. Hazards identification

Hazards identification

Non-harmful

Information on hazards to man and to the environment

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May cause sensitization by inhalation

4. First-aid measures

General instructions

In any case show the physician the Material Safety Data Sheet

Eye Contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

Skin Contact

In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.

Inhalation

In the event of symptoms take medical treatment.

Ingestion

Do not induce vomiting. Summon a doctor immediately.

5. Fire-fighting measures

Suitable Extinguishing Media:	Compostable with all usual extinguishing media
In the event of fire the following can be released:	Carbon monoxide (CO) Carbondioxide (CO ₂) Hydrogen chloride (HCl) Nitrogen oxides (NO _x)
Other information:	Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations. Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures

Personal precautions:	Ensure adequate ventilation. Use personal protective clothing. Use breathing apparatus if exposed to vapours/dust/aerosol.
Environmental precautions:	Do not allow to enter drains or waterways. In case of entry into waterways, soil or drains, inform the responsible authorities.
Procedures for cleaning up	Pickup with absorbent material (e.g. sand, sawdust, general-purpose binder). When picked up, treat material as prescribed under heading "Disposal".

7. Handling and storage**Handling**

Instructions for safe handling	Personal protective equipment.
Instructions for fire and explosion protection	Not applicable.

Storage

Requirements for storage rooms and containers	Keep container tightly closed and dry in a cool, well-ventilated place.
Combined storage instructions	Keep away from food, beverages and animal feedstocks.
Additional information regarding storage	Protect from frost. Protect from heat and direct sunlight. Protect from atmospheric moisture and water.

8. Exposure controls /Personal protection

Personal Protection Equipment:

General protective and hygiene measures: Take care for sufficient ventilation or exhaust on the workshop place.

Avoid contact with eyes and skin

Use barrier skin cream.

Remove soiled or soaked clothing immediately.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Respiratory protection:

In case of insufficient ventilation.

Multi-purpose filter ABEK

Class of vapour filter is depending on pollutant concentration on the scene.

Eye protection:

Safety glasses

Hand protection:

Butyl rubber/nitrile rubber gloves

Body protection:

Working clothes

9. Physical and chemical properties

Physical State:	Pasty	Color	black
Odor:	Characteristic	Viscosity at 25°C	not applicable
Flash Point	> 65°C	Density at 20°C :	Approx. 1.26g/cm ³
Solubility in Water:	Reacts with water	VOC(solvents):	≤1%

10. Stability and reactivity

Materials to avoid/dangerous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

11. Toxicological information

Sensitization

Sensitization/allergic reaction possible.

Allergic reaction can maybe observed in sensitive persons, even on very low concentrations.

Experience on humans

Skin contact: May cause irritation.

Eyes contact: May cause irritation.

Inhalation: May cause irritation.

Swallowed: May cause health disorders.

12. Ecological information

Additional information

Do not allow to enter wastewater drain, waterways or soil.

13. Disposal considerations

Packaging

Completely emptied packagings can be given for recycling.

Packaging that cannot be cleaned should be disposed of as product waste.

14. Transport information

ADR/RID : No dangerous goods

IMO/IMDG : No dangerous goods

IATA/ICAO : No dangerous goods

15. Regulatory information

Labelling according to EEC Directive

The product is classified and labelled in accordance with

EC directives/the relevant national laws.

Relevant hazardous ingredients for labelling

Contains: 4,4-methylenediphenyl diisocyanate

Symbol(s): Xn : Harmful.

Hazardous product: Dichloromethane (EC Nr. : 200-838-9).

Diphenylmethane diisocyanate (MDI).

R Phrase(s): R 42 : May cause sensitization by inhalation and skin contact.

S Phrase(s): S 23 : Do not breathe gas/fumes/vapour/spray

S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible)

Special labelling for certain preparations

Contains isocyanates. Observe manufacturer's instructions.

16. Other information

Recommended uses: Primer.

R Phrases:

R 10: Flammable.

R 20: Harmful by inhalation.

R 20/21: Harmful by inhalation and in contact with skin.

R 36/37/38: Irritating to eyes, respiratory system and skin.

R 38: Irritating to skin.

R 42/43: May cause sensitization by inhalation and skin contact.

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects

in the aquatic environment.

- R 65: Harmful: may cause lung damage if swallowed.
R 66: Repeated exposure may cause skin dryness or cracking.
R 67: Vapours may cause drowsiness and dizziness

NOTE

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ADROIT SDS EU

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