

Safety Data Sheet

Boydur® P12

Identification of the substance/ preparation and of the company undertaking:
Product Information: Boydur® P12, Self Leveling Oil and Fuel resistant, 2 Part
Tar/Polyurethane Joint Filler

Information About The Manufacturer:

Boytorun Kimya Sanayi A.S.

İ.E.T.T. İstesi,3. Bl.,D: 1 , Emirgan- 80850- Istanbul- TR.

Emergency Call: 0090-212- 229 18 29- 2 29 18 34

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Information Of Ingredients:

Chemical properties:

Two Components, Polyurethane based joint filler for sealing horizontal joints.

Hazardous Ingredients

Designation according to 67/548/EEC

Cas No	Concentration	Danger symbols R Phrases
Diphenylmethanediisocyanate, isomers and homologues		
9016-87-9	25-50%	36-38,20,42,43

Hazards Identification:

Hazard Identification Xn Harmful

Special guidelines concerning dangers to humans and the environment

20 Harmful by inhalation

36/37/48 Irritating to eyes, respiratory system and skin

42/43 May cause sensitization by inhalation and skin contact

n.a= not applicable; n.d.= not defined; * = change

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First- aid measures

- General information

Bring affected persons out of danger area.

In any case show the physician the Safety data sheet.

- Following inhalation:

Bring affected person outside and ensure that he/she is comfortable.

Supply with medical care.

- Following contact with skin

On skin contact, wash off immediately with soap and water

Remove soiled or soaked clothing immediately do not allow to dry.

Take for medical treatment

With Continuous skin irritation, consult doctor.

- Following eye contact:

Rinse thoroughly immediately with plenty of water for at least 15 minutes keeping eyelid open.

Further treatment by eye doctor.

- If substance has been swallowed Consult doctor immediately. Do not induce vomiting

Fire-fighting measures

- Suitable extinguishing substances

Carbon dioxide, dry powder, alcohol resistant foam

- Unsuitable extinguishing substances Full

water jet

- Exposure hazard arising from the product, its combustion products or resulting gases

In the event of fire the following can be released

Carbon monoxide (CO)

Carbondioxide (CO₂)

Nitrogenoxides (NO_x)

Possible in Traces: Hydrogen cyanide (HCN)

- Special protective equipment for hire fighting: Use breathing apparatus
- Additional Information: Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.

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Accidental release measures

- Personal precautionary measures

Keep persons at a distance and stay on the weather side. Wear personal protective equipment;

Use breathing apparatus if exposed to vapours/dust/aerosol

- Measures for environmental protection:

In case of entry into waterways soil or drains, inform the responsible authorities

- Procedure for cleaning / absorption

Pick up with absorbent material

Do not pick up with the help of saw-dust or other combustible substances

Avoid sparking

When picked up treat material as prescribed under heading "Disposal"

Handling and storage

- Handling

Instructions for safe handling

See chapter 8 / Personal protective equipment.

Instructions for fire and explosion protection: Not applicable

- Storage:

Requirements for storage rooms and containers: Keep container tightly closed and dry

Combined storage instructions: Keep away from food, beverages and animal feedstocks

Additional information regarding storage: Protect from atmospheric moisture and water Protect from frost Protect from heat and direct sunlight

- Requirements for storage rooms: Ensure there is good room ventilation. Maximum storage temperature: 25 ° C

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Exposure controls / personal equipment

Substances having workplace related exposure values/limits, which may require monitoring for assessment purposes Designation of substances

CAS No	Type	Ref/Country/Year
9016-87-9	MEL	0.02 mg/m ³ HSE/EH40/UK

- Personal protective equipment

Measures for general protection and hygiene

Avoid contact with eyes and skin

Do not inhale vapours

Take care for sufficient ventilation or exhaust on the workshop place

No eating, drinking, smoking, or snuffing tobacco at work.

Wash face and / or hands before break and end of work.

Remove soiled or soaked clothing immediately

If there is the possibility of skin/eye contact the indicated hand/eye/body protection should be used.

- Respiratory protective equipment:

In case of insufficient ventilation

Ori-nasal mask suitable for organic vapours

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

- Hand protection:

Wear protective gloves made of latex or rubber

- Eye Protection:

Basket shaped glasses

- Body Protection

Protective clothing, antistatic and flame resistant

Change work clothes that have been moistened or saturated with product.

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Physical and chemical properties

Description:

Boydur® P12 is used on filling the horizontal joints. It is fuel resistant

Properties:

Boydur® P12 is highly resistant to chemicals

Characteristic data:

Type	Tar and Polyurethane
Colour	Black (Grey and white available)
Flash Point	> 200°C
Auto-ignition temperature	> 400°C
Vapour pressure 20°C	4350 N/mm'
Density at 20°C	1.20 Kg/lt. DIN 51 548
Solubility in water 20°C	Reacts with water
PH Value at 20°C	Not applicable
Storage at 20°C	6 months

Stability and reactivity

- Conditions to be avoided Not any known
- Materials to avoid/ dangerous reactions

Hazardous reactions possible with

Water Alkalis, Amines, Acids, Alcohols

Gaseous decomposition products cause overpressure in tightly closed containers

With water formation of CO₂. Possible rise of pressure in closed containers

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- Stability and reactivity

Thermal decomposition and hazardous decomposition products

Thermal decomposition at: > 260 °C

Toxicological Information:

Sensitization

Sensitization /allergic reaction possible

Allergic reaction can may be observed in sensitive persons, even on very low concentrations

Experience on Humans:

When skin contact:

May cause irritation

When eyes contact:

Irritation

When Inhalation:

Harmful effects

When swallowed:

May cause health disorders

Further toxicological information:

For more component products see also the safety data sheets of the other components.

Ecological Information:

Additional information:

Products is slightly water polluting. Do not allow to enter waste water drain, waterways or soil.

Once cured the product will unlikely have any adverse effect on the environment.

Disposal Considerations:

Product: Recommendations

Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

Packaging: Recommendations:

Completely emptied packaging can be given for recycling. Packaging that cannot be cleaned should be disposed of as product waste.

Transport Information

ADR/RID

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Further Information

No Dangerous goods

IMC/IMDG

Further Information

No Dangerous goods

IATA/ICAO

Further Information

No Dangerous goods

Regulatory Information:

Labeling according to 88/379/EEC

The product y» classified and labeled in accordance with

EC Directives/ the relevant national laws

Relevant hazardous ingredients for labeling

Contains:

Diphenylmethanediisocyanate, isomers and homologues

Danger symbols: Xn Harmful

R PHRASES

20 Harmful by inhalation

21 36/37/38 Irritating to eyes respiratory system and skin

22 42/43 May cause sensitization by inhalation and skin contact.

S PHRASES

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise

51 use only in well ventilated areas.

Special labeling for certain preparations (annex III to 88/379/EEC) Contains isocyanates.

Observe manufacturer's instructions

Other Information:

Further information on properties and safe handling of product can be obtained from the product brochures.

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