

Material Safety Data Sheet | ABS Disposable Formwork

1. IDENTITY OF THE SUBSTANCE AND COMPANY

Substance: ABS Disposable Formwork
Producer: ABS Yapı Elemanları San. Tic. Ltd. Şti.
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Tel: +90 (216) 518 02 55
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Usage: Single-use concrete formworks for lightweight fillings, single-use concrete formworks for voided slabs
Emergency Tel: +90 (216) 518 02 55

2. HAZARDOUS IDENTIFICATION

This product does not meet the definition of a hazardous material given in CEE 1999/45 and subsequent amendments.

Physical State and Appearance: Solid

Emergency Overview: Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. No	%
Recycled polypropylene	9010-79-1	97-99
Pre-consumer		-
Post-consumer		90-95
Recycled production scrap		5
Additives	not available	1-3

4. FIRST-AID MEASURES

Inhalation: Upon inhalation of decomposition products, keep patient calm, bring them to open air, call for medical help.

Skin Contact: Place areas affected by molten material quickly under running water, call for medical help.

Eye Contact: Wash affected eyes for at least 15 minutes under running water with eyelids open. Eye contact with the pellets does not present any extraordinary hazard except for the possibility of abrasive injury. Smaller particles, if any, may be irritating to the eye.

Ingestion: No special measures necessary.

5. FIRE-FIGHTING MEASURES

Extinguishing Tools: Water, dry extinguishing media, chemical foam.

Unsuitable Extinguishing Tool: None

As a result of combustion, carbon dioxide and carbon monoxide gases and small amounts of monomers can be released.

Special Protective Equipment: In case of a fire, wear a self-contained breathing apparatus.

Further Information: Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Not classified as a dangerous substance.

Recycle, incinerate or landfill as per local, state and federal/national regulations.

7. HANDLING AND STORAGE

Do not eat or drink anything during use. Do not smoke. Do not expose to thermal objects and fire. In case the product is on the soil (in a fragmented manner), regulations to prevent dust explosion must be followed.

Do not expose to direct sunlight and store in the shade. Protect from heat, sparks and fire. Provide a good ventilation system. Keep away from food, drinks and animal food.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

Respiratory Protection: Provide adequate ventilation. Observe the Operational Exposure Limits and reduce the risk of dust inhalation. In case of high intensity, use suitable respiratory protection. Use a P1 type, granular filter respirator (DIN 3181).

Skin Protection: Not classified as a dangerous substance, use protective gloves.

Eye Protection: Use safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Square shaped domes

Color: Dark grey or black or other depending on the pigment used

Odor: Faint specific odor

Change in Physical State:

Melting temperature: over 140°C

Ignition temperature: over 400°C

Fire Promoting Properties: None

Density: about 0.91-0.97 kg/dm³ (water = 1)

Solubility in Water: Insoluble

Solubility in Other Solvents: Soluble in aromatic solvents

10. STABILITY AND REACTIVITY

Stable under recommended use and storage conditions and normal temperatures.

Conditions to Avoid: To avoid thermal decomposition, do not overheat. Starts to decompose at approx. 300°C.

Possible Thermal Degradation Products: Monomers, other degradation products.

11. TOXICOLOGICAL INFORMATION

When used in accordance with the recommendations, it can be said that it does not have any harmful effects based on the current knowledge and experience about the product.

Inhalation: A certain health warning is not noted.

Ingestion: A certain health warning is not noted.

Skin Contact: A certain health warning is not noted. Skin irritation is not observed. It does not create skin sensitivity.

Eye Contact: No particular health warning has been noted. Eye irritation is not observed.

12. ECOLOGICAL INFORMATION

Given the consistency of the product and its non-water solubility, it is unlikely to be a self-destruct product in nature. The product can be recycled.

13. DISPOSAL CONSIDERATIONS

The product can be recycled. It is insoluble in water. It must be discarded or incinerated in accordance with local regulations.

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transportation of dangerous substances. Warning sign is not required for shipping.

15. REGULATORY INFORMATION

Labelling according to EEC Directives, not suitable to labelling national legislation/regulations.

16. OTHER INFORMATION

This document has been prepared in accordance with the information of the owner company.

Preparation Date: 15.03.2018

Legal Notice: This information relates only to a specific substance and should not be used in a composition or in any process where the same substance is used with other substances. This information is accurate and reliable as of the date specified, within the knowledge and belief of the firm at a high level. However, no guarantee or declaration can be made for its accuracy, reliability and completeness. It is the user's own responsibility to be convinced of the suitability of this information for his own use.