



Material Safety Data Sheet (MSDS)

Date: 03.04.2020

Revision No: 00

Product Name : PLASTECH PET Sheets
Chemical Name : POLYETHYLENETEREPHTHALATE
CAS NO : 25038-59-9 (POLYMER)
Company Identification : M.T PLASTIK A.S
1. Duzce Organize Sanayi Bolgesi
İstiklal Mah. 1. Cadde No: 30/A Beykoy/DUZCE, Turkey

2. Hazards Identification

- Eye: When in powder; powder dust and powder particles, like other inert materials, are mechanically irritating to eyes.
- Skin : No irritation to skin
- Inhalation: Shapes not related.
- Ingestion: No specific information available on the product.

3. Composition, Information on Ingredients

Additives not hazardous by 29 CFR 1910.1200.

Identity	CAS#	Concentration (%)
N/A	N/A	N/A

4. First Aid Measures

- Eye
- When any contact with PET in powder resin, immediately flush eyes with plenty of water.
- Seek medical attention if discomfort persists.

M&T Reklam A.Ş.

Şekerpınar Cumhuriyet Mahallesi, Selin Sok. No:1 41400 Çayırova / KOCAELI - TURKEY

T: +90 262 658 88 80 (Pbx) F: +90 262 658 19 85 W: www.mtdisplays.com.tr

www.mtplastech.com



- Skin
 - When skin contacts with melted PET, cool rapidly with cold water.
- Inhalation
 - PET sheet is not likely to be inhaled due to physical form.
 - During production process of resin to sheet, when gas from melted PET is inhaled, move to fresh air.
- Ingestion
 - If a significant quantity has been swallowed, give plenty of water to dilute. Seek medical attention.
- Note to Physicians
 - Only During production process of PET, vapors may cause irritation to the eyes, skin and respiratory tract. In cases of severe exposure, nausea and headache can also occur.

5. Fire Fighting Measures

- Flash Point : >355°C (>671°F)
- Auto Ignition Temperature : >420°C (>788°F)
- Extinguishing Media : Dry chemical, CO2 or alcohol-resistant foam.
- Hazardous Product of Combustion : Fire will produce hazardous decomposition products such as carbon monoxide, carbon dioxide, dense black smoke, aldehydes and organic acids.
- Firefighting Instructions
 - Firefighters should wear self-contained breathing apparatus and full fire-fighting turn-out gear(bunker gear). Product burns with a very hot, but very faint blue flame. Foam and dry chemical may cause damage to electrical equipment.

6. Accidental Release Measures

- Personal precaution
 - No stepping on PET sheet to prevent falling.
- Environmental protection
 - No special measures.

M&T Reklam A.Ş.

Şekerpınar Cumhuriyet Mahallesi, Selin Sok. No:1 41400 Çayırova / KOCAELI - TURKEY

T: +90 262 658 88 80 (Pbx) F: +90 262 658 19 85 W: www.mtdisplays.com.tr

www.mtplastech.com



7. Handling and Storage

- Handling
 - During machining of the stock shapes, evacuate trimmings to prevent slipping hazard.
- Storage
 - Store in well-ventilated area away from heat and sunlight.

8. Exposure Controls, Personal Protection

- Engineering Controls
 - If only during production process of resin to sheet, continuous supply of fresh air to the workplace together with removal of processing fumes through exhaust systems is recommended.
- Protective Equipment (During production process of resin to sheet):
 - Eyes :Wear safety glasses with side shields should be sufficient for most processing and machining runs.
 - Skin : When vacuum processing, wear long pants, long sleeves and well insulated gloves.
 -
- Exposure Guidelines
 - Operations involving grinding and machining of parts should be reviewed to assure that particulate levels are kept below recommended standard.

Ingredient	Agency	Value
Nuisance/Inert Dust	PEL(OSHA)	15mg/cm ³

9. Physical and Chemical Properties

- Appearance : Solid
- Smell : None

M&T Reklam A.Ş.

Şekerpınar Cumhuriyet Mahallesi, Selin Sok. No:1 41400 Çayırova / KOCAELI - TURKEY

T: +90 262 658 88 80 (Pbx) F: +90 262 658 19 85 W: www.mtdisplays.com.tr

www.mtplastech.com



- PH : Not applicable
- Water: Insoluble
- Boiling Point : Not applicable
- Melting Point : 255°C (491°F)
- Vapor Pressure : Not applicable
- Specific Gravity : 1.33 ~ 1.43g/cm³

10. Stability and Reactivity

- Chemical Stability : Stable under normal conditions of use and storage.
- Materials to Avoid : Strong oxidants and bases.
- Hazardous Decomposition Products : No specific data.

11. Toxicological Information

- Acute Toxicity : No information available.
- Irritation/Corrosion : No information available.
- Sensitiser : No information available.
- Mutagenicity : No information available.
- Chronic Toxicity : There are no known carcinogenic chemicals in this product.
- Carcinogenicity : No information available.
- Reproductive Toxicity : No information available.
- Teratogenicity : No information available.

12. Ecological Information

- Ecotoxicity : No specific information available on the product.
- Environmental Information : This material is considered to be non-biodegradable.
- Aquatic Toxicity : Toxicity is expected to be low based on insolubility of polymer in water.

13. Disposal Considerations

Recycling is encouraged. Dispose in accordance with local regulations.

M&T Reklam A.Ş.

Şekerpinar Cumhuriyet Mahallesi, Selin Sok. No:1 41400 Çayırova / KOCAELI - TURKEY

T: +90 262 658 88 80 (Pbx) F: +90 262 658 19 85 W: www.mtdisplays.com.tr

www.mtplastech.com



14. Transport Information

- UN number : Not regulated as a hazardous material.
- Class : Not applicable.
- Proper shipping name : Not applicable.
- Packing group : Not applicable.
- Marine pollutant : Not applicable.

15. Regulatory Information

- TSCA : All ingredients are listed.

16. Other Information

This product is not intended for use in permanent implantation in the human body. The information contained herein is based on the present state of our knowledge. We don't suggest or guarantee that any hazards listed herein are the only ones that exist. MT PLASTİK. makes no warranty of any kind concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and this material may aggravate the effects of other materials. Users have the sole responsibility to determine the suitability of the materials of any use and the manner of use contemplated. Users must meet all applicable safety and health standards.

M&T Reklam A.Ş.

Şekerpınar Cumhuriyet Mahallesi, Selin Sok. No:1 41400 Çayırova / KOCAELİ - TURKEY

T: +90 262 658 88 80 (Pbx) F: +90 262 658 19 85 W: www.mtdisplays.com.tr

www.mtplastech.com