

Safety Data Sheet

According to 29 CFR 1910.1200 and 1907/2006/EC, Article 31
Last reviewed: 01 Sept 2021 (replaces 22 June 2021)



Recycled Polyethylene Terephthalate (PET) Pellets

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Substance Name: Polyethylene Terephthalate (PET)
Product Identifier: Social Plastic®_rPET Pellets;
Ocean Bound Social Plastic rPET Pellets;
rPET1015; rPET1115T; KRUPET4315; rPET4915H; rPET415EGY;
rPET-P-CI-100-ATKR; rPET-P-CI-100-TWBO; rPET-P-CI-100-USVR;
rPET-P-CI-BRGP; rPET-P-CI-EGBQ; 1115TIND; rPET-P-CI-101-TWBO;
rPET-P-CI-EGBQ; rPET-P-CI-EGTW
Other Means of Identification: PET, rPET
CAS Number: 25038-59-9
Product Use: Manufacture of plastic products for food and non-food application
Manufacturer/Supplier: Plastic Bank Recycling Corporation
Pier 32, Suite 350 - 1333 Johnston Street Vancouver
British Columbia, V6H 3R9
Canada
Emergency Telephone Number: +1 626-602-6696

Section 2: Hazards Identification

Hazard Classification: Non-graded, according to Regulation (EC) No 1272/2008 (CLP)
Signal Word: No labelling required, according to Regulation (EC) No 1272/2008 [CLP]
Other Hazards: Product spills may present danger of slipping.
Molten material may cause thermal burns._____
Additional Information: Based on current information, this product presents no hazard for humans and the environment if used as directed

Section 3: Composition/Information on Ingredients

Substances: None
CAS No. Description: 25038-59-9, 100% Polyethylene Terephthalate

Section 4: First Aid Measures

General information:

- Provide symptomatic and supportive care.

After Inhalation:

- Move victim to fresh air.
- Administer oxygen if breathing is difficult.
- Administer artificial respiration if breathing has stopped.
- Get medical assistance if irritation or other symptoms develop.

After Skin Contact:

- After contact with the molten product, cool rapidly with cold water.
- Do not pull solidified product away from the skin.

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- Get medical attention.

After Eye Contact:

- In case of accidental contact, immediately flush eyes with water.
- Hold eyelids open to ensure adequate flushing.
- Get medical assistance if irritation or other symptoms develop.

After Swallowing:

- Administer 1-2 glasses of water to dilute ingested material.
- Never give anything by mouth to an unconscious person.
- Get medical attention.

Most Important Symptoms and Effects:

- No further relevant information available.

Section 5: Firefighting Measures

Suitable Extinguishing Agents:

- CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special Firefighting Hazards:

- Product is supplied as pellets. Dust formed during processing or handling may form combustible dust concentrations in air.

Protective Equipment:

- In the event of a fire, wear a NIOSH (USA) or CEN (EU) approved self-contained breathing apparatus (SCBA) and full protective clothing.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

- Avoid dust formation.
- Wear appropriate personal protective equipment during all clean-up activities. See Section 8 for more information.

Environmental Precautions:

- Keep spilled material out of sewage/drainage systems and waterways.

Methods for Containment and Clean-Up:

- Collect spilled material mechanically.
- Place waste in an appropriate container for disposal.

Section 7: Handling and Storage

Precautions for Safe Handling:

- Avoid dust formation.
- Accumulations of dust should be removed from settling areas.
- Follow good engineering and work practices, including routine housekeeping.
- Promptly clean up spills to avoid slip and fall hazard.
- Use only in well ventilated areas.

Protection Against Fires and Explosions:

- Dust can combine with air to form an explosive mixture. Take precautions against static discharge.
- Transfer and store in properly bonded and grounded containers.
- To determine required precautions, consult applicable standards such as NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids (latest edition), and NFPA 499, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas.

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Conditions for Safe Storage:

- Store in closed, properly labeled containers.
- Protect containers from heat, physical damage, ignition sources and incompatible materials.
- Have emergency equipment for fires and spills readily available.

Additional Information:

- If you do not understand the hazards or safety precautions described in this data sheet, contact your supervisor or safety administrator before handling this product.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits:

- Use occupational exposure limits for dust when controlling exposure to this product.

Exposure Controls:

- None required under normal conditions of use.

General Protective and Hygienic Measures:

- Wash thoroughly after handling.

Respiratory Protection:

- None required under normal conditions of use.
- In development of dust and insufficient ventilation or prolonged exposure, use a respirator.

Hand Protection:

- Work gloves.

Eye/Face Protection:

- Safety glasses with side shields.

Body Protection:

- Protective work clothing

Additional Information:

- If unusual exposures are expected, an industrial hygiene review of work practices, engineering controls and personal protective equipment is recommended.

Section 9: Physical/Chemical Properties

Form:	Solid
Odor	Odorless
Odor Threshold	Not applicable
pH Value:	Not determined
Melting Point:	> 220°C
Boiling Point:	Not determined
Flash Point:	Not determined
Autoignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Lower Explosive Limit (LEL):	Not determined
Upper Explosive Limit (UEL):	Not determined
Vapor Pressure:	Not determined
Density at 20 °C (68 °F):	1.35 – 1.37 g/cm ³
Vapor Density:	Not determined
Evaporation Rate:	Not applicable
Solubility in Water:	Insoluble

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Partition Coefficient (n-octanol/water): Not determined
Viscosity: Not determined

Section 10: Stability and Reactivity

Chemical Stability/Reactivity: Stable under anticipated conditions of use.
Conditions to Avoid: Overheating; Stable up to melting point.
Possibility of Hazardous Reactions: No dangerous reactions known.
Hazardous Decomposition Products: No dangerous decomposition products known.

Section 11: Toxicological Information

Acute Toxicity: This product is not acutely toxic.
Skin Irritation: Not expected to cause skin irritation.
Eye Irritation: Mechanical eye irritation.
Respiratory Irritation: May cause respiratory irritation.
Sensitization/Allergic Reaction: No data available.
Subchronic/Chronic Toxicity: No data available.
Additional Toxicological Information: Substances Classified by IARC (International Agency for Research on Cancer): An IARC group 3 agent is not classifiable as to its carcinogenicity in humans.

Section 12: Ecological Information

Aquatic Toxicity: This product is not soluble in water under normal conditions. This product may clog waterways and endanger aquatic animals.
Persistence and Degradability: The product is not biodegradable.
Bioaccumulative Potential: No data available.

Section 13: Disposal Considerations

Disposal Instructions:

- Dispose of waste in accordance with applicable laws and regulations. Maximize product recovery for reuse or recycling.

Section 14: Transport Information

This product is not regulated as a hazardous material/dangerous good for transportation.

Section 15: Regulatory Information

U.S. Superfund Amendments & Reauthorization Act (SARA) 355 (Extremely Hazardous Substances):

- Substance is not listed.

U.S. Superfund Amendments & Reauthorization Act (SARA) 313 (Specific Toxic Chemical Listings):

- Substance is not listed.

U.S. Toxic Substances Control Act (TSCA):

- Substance is listed.

California Proposition 65 Carcinogens:

- Substance is not listed.

Canadian Domestic Substances List (DSL):

- Substance is listed.

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Canadian Ingredient Disclosure List (limit 0.1%)

- Substance is not listed.

Canadian Ingredient Disclosure List (limit 1%):

- Substance is not listed.

Container Labelling:

Hazard Pictograms:	Not Applicable
Signal Word:	Not Applicable
Hazard Statements:	Combustible dust. May form combustible dust concentrations in air.
Precautionary Statements:	Not Applicable

Directive 2012/18/EU Major Accident Hazards Involving Dangerous Substances: Annex 1 Named Dangerous Substances:

- Substance is not listed.

Section 16: Other Information

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Plastic Bank Recycling Corporation at the time it was prepared. Plastic Bank Recycling Corporation does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, Plastic Bank Recycling Corporation and its subsidiaries cannot guarantee that these are the only hazards that exist. Plastic Bank Recycling Corporation assumes no legal responsibility for loss, damage or expense arising out of, or in any way connected with, the handling, storage, use or disposal of this product.

Sources & References:

This Safety Data Sheet conforms to regulation 1907/2006/EC (REACH). This product has been classified in accordance with European CLP regulations (1272/2008/EC) and the U.S. Hazard Communication standard (29 CFR 1910.1200).