



POLYRANN S.R.L.
fibre sintetiche e materie plastiche
www.polyrann.it - info@polyrann.it

• SCHEDA DI SICUREZZA •

Scheda di sicurezza

realizzata il 18/05/2005

PRODUCT CODE : BTL

IMPORTANT: POLYRANN S.R.L. urges each customer or recipient of this material safety data sheet to study it carefully to become aware of and understand the hazards associated with the product.
The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire prevention, as necessary or appropriate to use and understand the data contained in the "Material Safety Data Sheet".

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product name :	PET BOTTLE FLAKES
Chemical name :	Polyethylene Terephthalate copolymer reprocessed
Chemical family :	Thermoplastic Polyesters
Supplier :	Polyrann S.r.l.
Address:	Via Faccanoni 12/A - 24020 Cerete (BG)
Contact numbers :	Tel.+39 0346.63688 Fax.+39 0346.63863
Emergency contacts:	Diego Ranieri +39-335-463177 Nicoletta Ranieri +39-335-7066682

2. Composition /Information on ingredients

Polyethylenetereftalate 100%

3. Hazards identification

This product is not considered hazardous under CEE classification

Hazards for Human Health :	Melted product over the skin can cause burnings
Hazards for safety :	Not found.
Environmental Hazards :	It is not classified as dangerous as per CEE regulations
Other Hazards :	Not classified dangerous for sales and transport

4. First Aid Measures

Symptoms and effects :	It is believed that the material does not cause effects in the normal work applications
Inhalation :	Move to fresh air if symptomatic.
Skin Contact	If contact with molten product occurs, cool the burn as quickly as possible and do not peel material from the skin. Treat as for thermal burn.
Eye Contact :	Flush eyes immediately with water if irritation occurs



Ingestion: Nothing specific. Pet is not expected to be absorbed from the gastrointestinal tract.

Advices for the Doctor: Treat as per Symptoms

5. Fire Fighting Measures

Hazardous Combustion Products: Carbon dioxide, carbon monoxide. (combustion products will be compromised of carbon, hydrogen and oxygen. The exact composition will depend on the conditions of combustions).

Extinguishing Media: Use foam, water or water fog, dry chemical or CO₂.

Special Protective Equipments : Wear self-contained breathing protective clothing.

6. Accidental Release Measures

Individual protections: No specific measures

Environmental Measures : Not specifically required

Methods for clean up: Shovel and sweep or use industrial vacuum cleaner. Avoid generating dust clouds. Put into containers for reclaiming or disposal as permitted by applicable national, state and local regulations. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

7. Handling and storage

Handling : Avoid contact with melt or hot material. Do not breathe fumes coming from the heated material. Use fume aspiration over the processing area. Avoid accumulation and dispersion of dusts.

Storage : Store material away from moisture, direct sun exposition and from heating sources.

8. Exposure Controls / Personal Protection

Exposure standards: Not identified, but dusts may represent a potential hazard

Dusts classification: TLV/ACGIH

Breathable Limits (Dusts): TWA (8h) = 3 mg/m

Inhalable Limits (Dust): TWA (8h) = 10 mg/m

Respiratory Protections: As per law, it is not required, but in places where there is not ventilation wear antidust masks NPF 7-10.



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Hand protection:	PVC, neoprene gloves.
Eye Protection:	Security eye protection glasses must be worn were required.
Skin Protection:	Usual work suites, with security shoes and boots.
Other Informations:	Do not smoke or drink alcoholics while working. Hand Washing after finishing day work.

9. Physical and Chemical Properties

Form:	Granules
Colour:	Opaque
Odore :	Odourless
pH:	Not applicable
Melting point:	> 240° C
Flammability Point:	Ca. 370° C (DIN 51794)
Auto ignition Point:	Ca. 500° C (DIN 51794)
flammability:	Not applicable
Temperatura di decomposizione:	> 350° C
Density:	Ca. 1400 Kg/m a 20° C
Apparent Density :	Ca. 830 Kg/m a 20° C
Solubility in water:	Negligible

10. Stability and reactivity

Stabilità:	Stable. Igroscopic.
Conditions to avoid:	Not required
Materials to avoid:	Strong oxidizing agents.
Break down hazardous products:	It can be formed carbonium monoxide, acetaldeide.

11. Toxicological Informations



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Valuation basis:	The below mentioned informations are related to the product, and the knowledge of the components and toxicology of related products.
Intense oral toxicology:	Low toxicology, LD50 >2000 mg/Kg
Intense skin toxicology:	Low toxicology, LD50 > 2000 mg/kg.
Skin Irritation:	It is not judged irritant.
Eye irritation:	It is not judged irritant.
Cronic Toxicology:	Exposition does not cause significant toxical effects.
Cancerology:	Not hazardous.

12. **Ecological Informations**

Valuation Basis:	For this product has not been found risk for eco-toxicity. The Information below are related to this product and similars.
Mobility:	Sinks in water
Persistence/Degradability:	Not easily Biodegradable.
Bioaccumulation:	Not in a significant way
Other informations:	The product is not toxic, and it is not expected to cause any adverse enviromental effects.

13. **Disposal considerations**

Waste Disposal:	Recover or recycle if possible, otherwise incineration.
Product Disposal:	Recover or recycle if possible, otherwise incineration.

14. **Tansport Informations**

Other informations:	Not classified as dangerous by legislation UN, IMDG/IMO, ADR/RID and IATA/ICAO.
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15. Regulatory Information

CE Classification:	Non classified as hazardous.
EINECS (CEE) Condition:	Polimero exempted.
National Legislation:	Where applicable, we refer to the following regulations: - D.P.R. 175/88 (Direttiva Seveso) and following adjustments - Ministerial Circular 46 e 61 (Ammine aromatiche). - D.L. 626/94 (Safety and health of workers) and following adjustments

16. Supplementary Informations

MSDS Distribution :	The informations contained in this document must be available for all those who will handle the product.
References :	What contained in this MSDS are in accordance with Directives of European Commission dated 27 /07/ 2001 n. 2001/58/CE that updates the Directive n. 91/155/CE, received with Ministerial Decree dated 07 /09/ 2002 and following adjustments and integration.
