



Material Safety Data Sheet

Uniplas, Inc.

MSDS: LCA® PET Glass Filled

Section 1

Uniplas, Inc.
1145 Sutton Street
Howell, MI 48843

Telephone Numbers: (517) 295-4196
Product Information (Uniplas, Inc.)
Transportation Emergency – Chemtrec:
(800) 424-9300

MATERIAL IDENTIFICATION

PRODUCT NAME:	LCA® PET 30GF Black		
CHEMICAL NAME:	Polyethylene Terephthalate		
CAS NO.:	Polyethylene Terephthalate	25038-59-9	>40%
	Glass Fiber Filament	65997-17-3	30.0%
	Brominated Aromatic Compound		<20%
	Plasticizers, Lubricants, Stabilizers, Antioxidants		<10%
	Carbon Black (if Black)	1333-86-4	< 2%
PRODUCT USE:	Engineered Thermoplastics		

Section 2

HAZARDOUS INGREDIENTS (Additives not hazardous by 29 CFR 1910.1200)

Identity	CAS Number	Concentration

Section 3



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HEALTH HAZARD DATA

Acute or immediate effects:

Routes of entry and systems:

Ingestion:	Not acutely toxic
Skin:	Pellets not likely to cause skin irritation
Eye:	Product may cause irritation or injury due to mechanical action.
Inhalation:	Pellet inhalation unlikely due to physical form

Section 4

EMERGENCY FIRST AID

Eyes:	Remove contact lenses at once. Immediately flush eyes well with copious quantities of water or normal saline for at least 20-30 minutes. If irritation persists, seek medical attention
Skin:	Wash skin thoroughly with soap and water. Seek medical attention. If contacted by molten material, cool immediately with cold water and seek medical attention. Do not remove material from skin.
Inhalation:	Not likely to be inhaled due to physical form. Processing off-gases may cause respiratory irritation. Remove affected to fresh air and assist in breathing if necessary.
Ingestion:	Not probable. If large amount is swallowed, seek medical attention.
Chronic Effects:	
Medical Conditions generally aggravated by this material:	No known human health effects aggravated by exposure to this product. However, certain sensitive individuals and individuals with respiratory impairments may be affected by exposure to components in the processing fumes.



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FIRE AND EXPLOSION HAZARD DATA

Flash Ignition Temperature:	Not Applicable
Unusual Fire/Explosion Hazards:	Will not burn without external flame.
Hazardous Combustion Products:	Hazardous gases/vapors produced in fire are carbon monoxide, hydrogen bromide.
Special Fire Fighting Instructions:	Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus and protective fire fighting clothing.
Extinguishing Media:	Water, foam, dry chemical, CO2

Section 6

ACCIDENTAL RELEASES

Spill or Release:

Spilled material is a slipping hazard. If molten, allow it to freeze. Recover undamaged and minimally contaminated material for reuse or reclamation. Shovel or sweep up.

Section 7

STORAGE CONDITIONS

NORMAL HANDLING: Following recommendations on label and in processing guide. Prevent contact with skin and eyes. Use good industrial hygiene practices. Provide adequate ventilation. Secondary operations such as grinding, sanding, or sawing may produce a dust explosion hazard. Use aggressive housekeeping activities to prevent dust accumulation. Employ bonding, grounding, venting, and explosion relief provisions in accordance with accepted engineering practices.

STORAGE RECOMMENDATIONS: Store in a clean dry place. Keep containers tightly closed to prevent moisture absorption and contamination.



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PROTECTION INFORMATION

Eye:	Wear safety glasses with side shields or chemical goggles. In addition, use full-face shield when cleaning processing fume condensates from hoods, ducts, and other surfaces.
Skin:	When handling pellets avoid prolonged or repeated contact with skin. When melt processing product wear long pants, long sleeves, well-insulated gloves, and face shield when applicable. Use appropriate protective clothing, including chemical resistant gloves, to prevent any contact with processing fume condensates.
Ventilation:	A continuous supply of fresh air to the workplace together with removal of processing fumes through exhaust systems is recommended. Processing fume condensate may be a fire hazard and toxic; remove periodically from exhaust hoods, ductwork, and other surfaces using appropriate personal protection. For powders and residual dusts, refer to Handling and Storage Section (Section 7). Ventilation requirements must be locally determined to limit exposure to processing fumes in the workplace.
Respirator:	When processing fumes are not adequately controlled, use respirator approved for protection from organic vapors and acid gases. When dust or powder from secondary operations (grinding, sawing, sanding) is not adequately controlled, use respirator approved for protection from dust.
Additional Protective Measures:	



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PHYSICAL/CHEMICAL DATA

Appearance:	Solid Plastic Pellet
Odor:	None
Melting Point:	250 – 255C
Solubility in Water:	Negligible
Volatile Content %:	Negligible
Specific Gravity:	>1

Section 10

HAZARDOUS REACTIVITY

Stability at Room Temperature:	Stable
Materials to Avoid:	Polycarbonate, polyacetal at melt temps
Conditions to Avoid:	Decomp Temps
Decomposition Temperature:	329C
Decomposition Products:	Hazardous gases or vapors can be released, including carbon monoxide, aldehydes, and acrolein.

Section 11

TOXICOLOGICAL INFORMATION

Toxicity Data for: No

Acute Toxicity

Eye Effects:

Skin Effects:

Other Acute Effects:

Medical Conditions Prone to Aggravation by Exposure:

Carcinogenicity:

NTP –

IARC –

OSHA -

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ECOLOGICAL INFORMATION

Aquatic Toxicity: No information is available. Toxicity is expected to be low based on insolubility in water. Do not discharge to streams, lakes, ponds, or sewers.

Section 13

DISPOSAL

Spill or Release: See accidental Release Measures

Waste Disposal: Recycling is encouraged. Landfill or incinerate in accordance with federal, state/provincial, and local requirements. Collected processing fume condensates and incinerator ash should be tested to determine waste classification.

Section 14

TRANSPORT INFORMATION: Not regulated

DOT Hazard Class:	
Technical Shipping Name:	
Freight Class Bulk:	
Freight Class Package:	
Product Label:	

Section 15

REGULATORY INFORMATION

OSHA Status:

SARA TITLE III:

Section 302 – Extremely Hazardous Substances:

Section 311/312 Hazard Categories:

Section 313 Toxic Chemicals:

RCRA Status:



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United States TSCA Status:

STATE RIGHT TO KNOW LAWS – The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements, contact the appropriate agency in your state

Component Name	
CAS Number	Concentration

PENNSYLVANIA:

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CALIFORNIA:

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SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:

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SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

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HMIS Rating

0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Health	
Flammability	
Reactivity	
PPE	
# Acute *Chronic	

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MISCELLANEOUS INFORMATION

The information set forth herein has been gathered from standard reference materials and/or supplier test data and is, to the best knowledge and belief of Uniplas, Inc., accurate and reliable. Such information is offered solely for your consideration, investigation and verification, and it is not suggested or guaranteed that the hazard precautions or procedures mentioned are the only ones that exist. Uniplas, Inc. makes no warranties, expressed or implied, with respect to the use of such information or the use of the specific material identified herein in combination with any other material or process, and assumes no responsibility therefore.

END OF MSDS