



Material Safety Data Sheet

Uniplas, Inc.

MSDS: LCA® PC/PBT
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® PC/PBT 508 Type, LCA® PC/PBT 30GF		
CHEMICAL NAME:	Polycarbonate/Polybutylene Terephthalate		
CAS NO.:	Polybutylene Terephthalate	30-6-52-65	
	Bisphenol A Polycarbonate	30965-26-5	
	Fiberglass	65997-17-3	30.0%
	Carbon Black (if Black)	1333-86-4	< 2.0 – 4.0%
PRODUCT USE:	Engineered Thermoplastics		

Section 2

HAZARDOUS INGREDIENTS (Additives not hazardous by 29 CFR 1910.1200)

Identity	CAS Number	Concentration
Fiberglass Dust		10mg/m ³

Section 3

HEALTH HAZARD DATA

Acute or immediate effects:

Routes of entry and systems:

Ingestion:	Not a primary route of entry
Skin:	Not a primary route of entry
Eye:	Mechanical irritation – processing off-gas irritation



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Inhalation:	Not a primary route of entry
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Section 4

EMERGENCY FIRST AID

Eyes:	Remove contact lenses at once. Immediately flush eyes with water for at least 320 minutes. If irritation persists, seek medical attention.
Skin:	Seek medical attention if rash or burn occurs.
Inhalation:	Not likely to be inhaled due to form. If processing off gases exceeds exposure guidelines, remove person to fresh air.
Ingestion:	Not likely to be ingested. If large amounts are swallowed, seek medical attention.
Chronic Effects:	No known
Medical Conditions generally aggravated by this material:	No known human health effects aggravated by exposure.

Section 5

FIRE AND EXPLOSION HAZARD DATA

Flash Ignition Temperature:	N/A
Unusual Fire/Explosion Hazards:	Requires a continuous flame source to ignite
Hazardous Combustion Products:	
Special Fire Fighting Instructions:	Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Product will melt, but will not be carried on the surface of water.
Extinguishing Media:	Water, foam, dry chemical

Section 6

ACCIDENTAL RELEASES



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Spill or Release: Reclaim for processing if possible. Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA (superfund).

Section 7

STORAGE CONDITIONS

NORMAL HANDLING: Avoid extreme heat. Protect from moisture during transportation and storage. Pellet-handling equipment should be grounded to prevent build up of electrostatic charge. Pellets on floor may be slippery and cause falls. Avoid dust accumulation.

STORAGE RECOMMENDATIONS: Keep dry to maintain product integrity. Store in a sealed container away from ignition sources.

Section 8

PROTECTION INFORMATION

Eye:	Safety glasses with side-shields should be worn during industrial operations.
Skin:	Gloves, coveralls, apron, and boots are necessary to prevent contact
Ventilation:	Local exhaust ventilation at source may be needed when processing molten material.
Respirator:	NIOSH/MSHA approved organic vapor cartridge respirator may be needed when handling molten material.
Additional Protective Measures:	None required

Section 9

PHYSICAL/CHEMICAL DATA

Appearance:	Black Pellets
Odor:	None
Melting Point:	N/A
Solubility in Water:	Insoluble
Volatile Content %:	N/A
Specific Gravity:	1.50



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Section 10

HAZARDOUS REACTIVITY

Stability at Room Temperature:	Stable
Materials to Avoid:	
Conditions to Avoid:	Do not exceed melting temperature
Decomposition Temperature:	
Decomposition Products:	Trace amounts of Tetrahydrofuran

Section 11

TOXICOLOGICAL INFORMATION

Toxicity Data for:

Acute Toxicity

Eye Effects: Fumes irritant

Skin Effects:

Other Acute Effects:

Medical Conditions Prone to Aggravation by Exposure: None known

Carcinogenicity: Carbon Black is a carcinogen

NTP – Not Tested

IARC – Not Regulated

OSHA – Not Tested

Section 12

ECOLOGICAL INFORMATION

No ecotoxicological information available

Section 13

DISPOSAL



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Waste Disposal: Incinerate in a licensed facility. Do not discharge into waterways or sewer systems. Unused material and empty containers must be disposed of in accordance with local, state/provincial, and federal regulations.

Section 14

TRANSPORT INFORMATION

DOT Hazard Class:	Not Regulated
Technical Shipping Name:	None
Freight Class Bulk:	N/A
Freight Class Package:	N/A
Product Label:	N/A

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:

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

HMIS Rating

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

Health	
Flammability	



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Reactivity	
PPE	
# Acute *Chronic	

Section 16

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