

---

**SECTION I PRODUCT AND COMPANY IDENTIFICATION**

---

PRODUCT NAME: PC/PBT ALL COLORS

SDS# PC010

CAS NUMBER: MIXTURE

MANUFACTURER: OMNI PLASTICS LLC  
2300 LYNCH RD  
EVANSVILLE IN 47711Information Phone: 1-877-421-8900  
Emergency Phone: 1-877-421-8900

USE: PRODUCTION OF MOLDED PLASTIC ARTICLES

PREPARED BY: MSDS COORDINATOR

---

**SECTION II HAZARDS IDENTIFICATION**

---

HAZARD RATINGS: Health: 0 Fire: 1 Reactivity: 0 PPI: A

PERMISSIBLE EXPOSURE LEVEL: This is a polymeric compound. All ingredients are encapsulated by the polymer and present no likelihood of exposure under normal conditions of processing and handling.

EFFECTS OF OVEREXPOSURE:

ACUTE OR IMMEDIATE EFFECTS:

INGESTION: Not a probable route of exposure.

SKIN: Pellets are not likely to cause irritation.

Contact with molten material may cause thermal burns. Processing fumes may cause irritation.

EYE: Solid/dust may cause irritation due to mechanical action. Processing fumes may cause irritation.

INHALATION: Processing fumes may cause irritation to the respiratory tract.

CHRONIC EFFECTS: None known for this compound

---

**SECTION III COMPOSITION/INFORMATION ON INGREDIENTS**

---

PRODUCT CLASS: POLYCARBONATE/POLYBUTYLENE TEREPHTHALATE ALLOY

CHEMICAL NAME AND SYNONYMS: POLYCARBONATE, POLY (bisphenol-A-carbonate) &amp; PBT, PC/BT

HAZARDOUS INGREDIENTS	CAS #	WEIGHT %
--------------------------	----------	-------------

\*\*\* All components of this product are either listed on or exempt from listing on the TSCA Inventory.

(No hazardous ingredients subject to reporting under the Toxic Chemical Release Inventory (SARA 313) are known at this time.)

There are no hazardous components above the relevant concentration limits according to OSHA HazCom 2012.

**SECTION IV FIRST AID MEASURES**

---

**FIRST AID:**

**EYES:** Flush with water. Consult physician if symptoms persist.

**SKIN:** Wash with soap and water. For thermal burns, immediately

flush with cold water. Do not attempt to remove polymer from skin. Obtain medical attention.

**INHALATION:** Leave exposed area and seek fresh air. If irritation persists seek medical attention.

**SECTION V FIREFIGHTING MEASURES**

---

**FLAMMABILITY CLASS:** 1      **FLASH POINT:** None      **LEL:** None      **UEL:** None

**EXTINGUISHING MEDIA:** Water spray and foam. Water spray is preferred. Dry chemical and CO<sub>2</sub> are not generally recommended due to their lack of cooling capacity which may allow re-ignition.

**SPECIAL FIREFIGHTING PROCEDURES:** Persons exposed to products of combustion should wear NIOSH approved self-contained breathing apparatus and full protective equipment.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** This compound has no unusual fire or explosion hazards.

**SECTION VI ACCIDENTAL RELEASE MEASURES**

---

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Spilled pellets may cause a slipping hazard. Sweep area as needed.

**SECTION VII HANDLING AND STORAGE**

---

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Store in a dry, sprinkler equipped warehouse. Product as shipped is not a combustible dust.

Mechanical handling can cause the formation of dusts. To reduce the risk for dust explosion do not permit dust to accumulate.

**OTHER PRECAUTIONS:** Proper purging and shut down procedures should be followed to avoid overheating of this compound.

**HANDLING/STORAGE PRECAUTIONS**

Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces. Solid particulate can generate electrical charging during operations such as unloading from containers and pneumatic transfer. Provide adequate precautions, such as electrical grounding and bonding, where conductive equipment is involved.

**STORAGE PERIOD:**

None

**STORAGE TEMPERATURE**

**MAXIMUM:** 49° C (120.2 °F)

**SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:** A NIOSH approved respirator is recommended for protection against processing fumes, or from dust generated from grinding, sanding, or sawing operations.

**VENTILATION:** Local exhaust is preferred.

**PROTECTIVE GLOVES:** Canvas or cotton gloves are recommended.

**EYE PROTECTION:** Safety glasses with side shields are recommended.

**OTHER PROTECTIVE EQUIPMENT:** None.

**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING RANGE:** None

**VAPOR DENSITY:** Non Volatile

**EVAP. RATE:** Unavailable

**VOLATILES:** volume %: N/A

weight %: N/A

**APPEARANCE:** Cylindrical Pellets

No Odor

**State of Matter:**

solid

**Appearance:**

pellets

**Color:**

varrious

**Odor:**

odorless

**Odor Threshold:**

no data available

**pH:**

no data available

**Melting point:**

200-280 °C (428-536°F) (No statements available)

**Boiling point:**

no data available

**Flash point:**

> 400°C (752°F) (No statements available)

**Evaporation rate:**

no data available

**Flammability:**

Ignition temperature more than 300°C

**Lower Explosion Limit:**

no data available

**Upper Explosion Limit:**

no data available

**Vapor Pressure:**

not applicable

**Vapor Density:**

no data available

**Density:**

1.2g/cm<sup>3</sup> @ 23 °C (73.4 °F) (DIN51757)

**Relative Vapor Density:**

no data available

**Specific Gravity:**

approximately 1.11

**Solubility in Water:**

practically insoluble

**Partition Coefficient: n- octanol/water:**

no data available

**Auto-Ignition Temperature:**

> 450 °C (842°F) (no statement available)

**Decomposition Temperature:**

> 380 °C (716°F)

**Dynamic Viscosity:**

not applicable

**Kinematic Viscosity:**

no data available

**Bulk Density:**

ca. 700 kg/m<sup>3</sup> (no statement available)

**Self Ignition:**

not applicable

**SECTION X STABILITY AND REACTIVITY**

---

STABILITY:  Unstable  Stable  
HAZARDOUS POLYMERIZATION:  May Occur  Will Not Occur

INCOMPATIBILITY: Strong oxidizing agents.  
CONDITIONS TO AVOID: None known for this compound.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon monoxide, carbon dioxide, Trace amounts of acrolein, formaldehyde, aldehydes, acids, ketones, and other unidentifiable organic compounds may be formed. By Fire and Thermal Decomposition: Phenol; Carbon oxides, Hazardous decomposition products due to incomplete combustion

**MATERIALS TO AVOID**

None Known

**CONDITIONS TO AVOID**

Generation of dust clouds.

**SECTION XI TOXICOLOGICAL INFORMATION**

---

TOXICITY DATA: No specific toxicological information is available.

**SECTION XII ECOLOGICAL INFORMATION**

---

ECOTOXICITY: No specific ecological information is available. This material is considered to be non-biodegradable.

**SECTION XIII DISPOSAL CONSIDERATIONS**

---

**WASTE DISPOSAL METHOD:**

The pellets, regrind, and purge of this material are non-hazardous and may be discarded in accordance with state, federal, and local regulations.

**SECTION XIV TRANSPORT INFORMATION**

---

D.O.T. SHIPPING INFORMATION: Not regulated under US Department of Transportation.

**SECTION XV REGULATORY INFORMATION**

SARA TITLE III SECTION 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372:

**UNITED STATES FEDERAL REGULATIONS:**

US. TOXIC SUBSTANCES CONTROL ACT: Listed on the TSCA Inventory.

US.EPA CERCLA HAZARDOUS SUBSTANCES (40 CFR 302) COMPONENTS:

None

SARA SECTION 311/312 HAZARD CATEGORIES:

Non-hazardous under Section 311/312

US. EPA EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA) SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE (40 CFR355, APPENDIX A) COMPONENTS:

None

US. EPA EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA) SARA TITLE III SECTION 313 TOXIC CHEMICALS (40 CFR 372.65)-SUPPLIER NOTIFICATION REQUIRED COMPONENTS:

None

US. EPA RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) COMPOSITE LIST OF HAZARDOUS WASTES AND APPENDIX VIII HAZARDOUS CONSITUENTS (40 CFR 261):

Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

**STATE RIGHT-TO-KNOW INFORMATION**

The following chemicals are specifically listed by the 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 you should contact the appropriate agency in your state.

The concentrations reported below in units of part per million (ppm) or parts per billion (ppb) are maximum values.

MASSACHUSETTS, NEW JERSEY OR PENNSYLVANIA RIGHT TO KNOW SUBSTANCE LISTS:

<u>WEIGHT PERCENT</u>	<u>COMPONENTS</u>	<u>CAS-NO.</u>
>=1%	Bisphenol A Polycarbonate	25971-63-5

MASSACHUSETTS RIGHT TO KNOW WXTRAORDINARILY HAZARDOUS SUBSTANCES LIST:

<u>WEIGHT PERCENT</u>	<u>COMPONENTS</u>	<u>CAS-NO.</u>
<=3ppm	Methylene Chloride	75-09-2

CALIFORNIA PROP. 65:

WARNING! This product contains chemical(s) known to the State of California to be Carcinogenic.

<u>WEIGHT PERCENT</u>	<u>COMPONENTS</u>	<u>CAS-NO.</u>
<=3ppm	Methylene Chloride	75-09-2

Based on the information provided by our suppliers, this product is considered "DRC CONFLICT FREE" as defined by the SEC Conflict Minerals Final Rule (Release No. 34-67716; File No. S7-40-10; Date 2012-08-22).

**SECTION XVI OTHER INFORMATION**

---

**MSDS DISCLAIMER**

OMNI PLASTICS LLC believes that the information contained herein is accurate as of the date hereof. HOWEVER, NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREIN AS TO THE INFORMATION PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS. The health and safety precautions contained herein may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Nothing contained herein shall be construed as a license for the use of any product in a manner that would infringe existing patents.