



BMC Basic

Product Safety Information

Product Name: BMC Basic

Location:

Bavaria Master Compounding GmbH
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91722 Arberg

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HAZARDS Indications

Classification

OSHA: The product is considered an article under the Hazard Communication Standard (HCS) and not classified as hazardous material.

1272/2008/EC: The product does not meet the criteria for classification in any hazard class according to regulation EC 1272/2008 on classification, labelling and packaging of substances and mixtures.

Labelling: Not necessary for the product to be labeled in accordance with EC regulations or the national laws.

Other Hazards

When the product is subjected to processing methods that increase the material temperature, or result in production of material dusts, certain precautions become necessary. Dusts and heat-released air emissions may be irritating to the eyes, skin, and respiratory system. Under fire conditions, product will readily burn and emit a heavy, irritating smoke. Contact with molten material may cause serious thermal burns.

Composition/Ingredients Information's

Ingredients: The product is a polyolefin / filler compound

Hazardous Components: This product contains no substance classified as hazardous in concentrations, which should be taken into account according to EU regulations.

Additional Information

Other chemical additives including antioxidants, UV stabilizers, processing aids. Identity of resin and additive manufacturers, and exact percentage of blends are proprietary information.

First Aid Measures

Eyes: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention if symptoms develop or persist.

Skin: Remove dusty or contaminated clothing and shoes. For skin contact, wash affected area with soap and water. Seek medical attention if symptoms develop or persist. In case of contact with molten product, immediately flush the area with large amounts of water, cool rapidly with water and seek immediate medical attention. Do not attempt to remove molten product, or molten product that has cooled, from skin without medical assistance.

Inhalation: Move affected individual to non-contaminated air. Loosen tight clothing such as a collar, tie, belt or waistband to facilitate breathing. Seek immediate medical attention if the individual is not breathing, is unconscious or if any other symptoms persist.

Ingestion: Non-toxic, however swallowing this product may cause immediate or delayed abdominal discomfort. Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. Seek immediate medical attention.

Fire Fighting Measures

Suitable extinguishing media: Water fog, dry chemicals, foam or carbon dioxide. Use extinguishing media appropriate for surrounding material

Specific hazards during firefighting: Principal toxicant in the smoke is carbon monoxide.

Protection of firefighters

Do not approach fire in confined space. Wear full bunker gear including a positive pressure self-contained breathing apparatus.

Accidental Release Measures

Collect or sweep up spill into appropriate disposal container. All spilled material must be removed immediately to prevent a slipping hazard. Prevent product from entering environment and drains.

Do not use compressed air to sweep debris material.

Handling and Storage

Storage

Secure to pallet, rack or stack. Store in closed, earthed (grounded) and properly designed vessels, away from uncontrolled heat and incompatible materials. Keep in a cool, dry, and well-ventilated place. Keep away from heat, sparks, flames and strong oxidizing agents.

Exposure Controls / Personal Protection

Appropriate personal protective equipment (PPE) shall be worn in accordance with Regulation (EU) 2016/425.

Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday.

Physical and Chemical Properties

Physical State:	Granulate
Form:	Solid
Color:	White
Odor:	Neutral
Auto ignition temperature:	>300°C
Solubility (water):	Insoluble

Stability and Reactivity

Stability

This product is stable under normal conditions of use, storage and transport. Polyethylene decomposes under UV light, sunlight, and at temperatures greater than 80°C.

Incompatibility (Materials to Avoid)

Polyolefins degrade after lengthy contact with most aromatic hydrocarbons and most halogenated hydrocarbons. Fluorine gas, (violent reaction), diethyl ether, methylene chloride, ethylene chloride.

Conditions to Avoid

Avoid contact with strong oxidizers and excessive heat.

Hazardous Decomposition or Byproducts

At temperatures above 300 °C polyolefin may emit various oligomers, waxes and oxygenated hydrocarbons as well as carbon dioxide, carbon monoxide and small amounts of other organic vapors. Inhalation of the decomposition gases may be hazardous.

Toxicological Information's

The product is not classified as hazardous according to Regulation (EC) No 1272/2008 and its amendments.

Ecological Information's

The product is not considered hazardous for the environment. This product is not expected to be readily biodegradable and not to bio-accumulate in organisms. Avoid release to the environment as a possible ingestion hazard to birds and aquatic life. Product should be recovered following spills.

Disposal Considerations

Reuse or recycle if not contaminated. Dispose of in accordance with local and government regulations. Avoid release to the environment.

Transport Information's

The product is not regulated by ADR/RID, IMDG, IATA, ICAO, and AND

Regulatory Information's

The material is not subject to classification according to EC lists and other sources of literature known to us.