

Shandong Yasu New Material Co., Ltd

No.1266, Sanba East Road, Tianqu Industrial Park,
Dezhou City, Shandong Province, China 253000
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Safety Data Sheet

Issue Date: August 13, 2017
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Revision No.03

Section 1: Identification

Product Identifier: PE-Borated / Borated Polyethylene

Manufacturer:

Shandong Yasu New Material Co., Ltd
No.1266, Sanba East Road
Dezhou City, Shandong Province, China 253000

Section 2: Hazard Identification

Classification: None

Signal Word: None

Pictogram & Symbols: None

Hazard Statements: None

Precautionary Statements: None

Section 3: Composition/Information on Ingredients

Chemical characteristics: Polyethylene, Boron carbide, Additives

Section 4: First-Aid Measures

Contact with Eyes: This product is in solid sheet and rod form. Always use proper eye protection when cutting or machining this material. In the event that dust or particles contact the eyes during subsequent machining or cutting, administer eyewash in same manner consistent with company safety policy and consult physician. The particles are not considered to be otherwise hazardous.

Inhalation: N/A Following

Contact with Skin: After contact with molten product, cool quickly with cold water. Do not pull product from skin. See physician for medical treatment.

Ingestion: Rinse mouth with plenty of water. Do not induce vomiting. Seek medical attention.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Agents: water, foam, dry powder, carbon dioxide

Special Dangers: CO₂ and CO

Special Protective Equipment: For major fires, Self-contained breathing apparatus and personal protective equipment may be needed for large fires.

Section 6: Accidental Release Measures

None Required

Section 7: Handling and Storage

Sheet should be secured to prevent slippage during transport, material should be stored away from sparks or heat sources such as open flames, heaters, ovens to prevent material from combusting. All debris should be contained in properly designed systems to avoid spillage.

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Section 8: Exposure Controls/Personal Protection

General Protective Measures: No protective clothing is required for handling this product. Avoid contact of molten material with the skin.

Section 9: Physical and Chemical Properties

Appearance: solid plastic

Odor: None

Melt Temperature: 120-140°C

Ignition Temperature: >360°C

Solubility: Insoluble in Water

Section 10: Stability and Reactivity

Thermal Decomposition: >390°C

Hazardous Reactions: No hazards known.

Section 11: Toxicological Information

According to experience, this product is considered to be harmless to health if handled in the correct manner.

Section 12: Ecological Information

Mobility in Soil: Data not available

Section 13: Disposal Considerations

This material can be easily recycled. Material can be disposed of normally in landfills. Please comply with all local and state laws for proper disposal.

Section 14: Transportation Information

This material is not regulated as a hazardous material or dangerous goods for transportation.

Section 15: Regulatory Information

The State of California, OEHHA has issued a List of Chemicals where significant exposure to the chemicals can cause cancer, birth defects or other reproductive harm. Proposition 65 requires warnings to Californians about exposure to these chemicals in their homes or workplaces.

Warning: Some chemicals potentially contained in the listed products at trace amounts are known to the state of California as a cancer-causing agent. Due to exposure levels typically below laboratory detection, these chemicals are believed to be present at "no significant risk." These chemicals include

Carbon Black, CAS 1333-86-4

Titanium Dioxide, CAS 13463-67-7

Antimony Trioxide, CAS 1309-64-4

Section 16: Other Information

This information is believed by the technical staff at Shandong Yasu New Material Co., Ltd to be true and accurate for the normal and intended use of this product as of the date that this SDS was produced. Since Shandong Yasu New Material Co., Ltd has no control over the actual use of this product, it is the sole responsibility of the user to determine the proper protection with regards to the safety and disposal of this product. Shandong Yasu New Material Co., Ltd further recommends consulting local regulatory agencies to determine applicable laws and regulations.