


<p align="center"><b>Safety Data Sheet</b></p> <p>This document has been prepared to comply with the OSHA Globally Harmonized Hazard Communication Standard, 29 CFR 1910.1200</p>	<p>200 Mansell Court East, Suite 305  Roswell, GA 30076  Phone: (770) 645-4500  FAX: (770) 645-2888  E-mail: info@BORALTRIM.com</p>	<p align="center">Boral Composites Inc.</p> 
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**SECTION 1 – Product and Manufacturer Information**

**Product Description:**  
Synthetic Composite Building Trim, Siding, and Moulding Products

**Identity:**  
Boral TruExterior® Trim (all colors)  
Boral TruExterior® Beadboard (all colors)  
Boral TruExterior™ Siding (all colors)

<b>Date Prepared:</b> May 29, 2015	<b>Emergency Telephone Number:</b> 1 (800) 424-9300 (CHEMTREC)
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**SECTION 2 – Hazard(s) Identification**

**2.1 Hazard Classification:**

**Classification:** Acute Toxicity Inhalation – Category 4 (H335)  
Eye Irritation – Category 2B (H320)

**2.2 GHS Label Elements:**

Symbol: 

Signal Word: WARNING

Hazard Statements: Harmful if inhaled.  
Causes eye irritation.  
[Solid material generates dust when cut or shaped, which can be inhaled or enter eyes.]

Precautionary Statements:

Prevention: When cutting or shaping, avoid breathing dust. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation, use respiratory protection. Wear eye protection

Response: If dust inhaled, remove person to fresh air and keep comfortable for breathing. If difficulty breathing or irritation persists, obtain medical attention. If in eyes, rinse continuously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If eye irritation persists, obtain medical attention.

**2.3 Other Hazards or Precautions:** None

## SECTION 3 – Composition/Information on Ingredients

### 3.1 Complex Substance Required for Disclosure

Name	CAS #	Concentration*	GHS Hazard Code(s)
Coal Fly Ash		< 80	H335, H320
Solid Polyurethane	9009-54-5	< 35	
Fiberglass	0065997-17-3	< 12	H335, H320

\*All concentrations are percent by weight. Other ingredients determined not to be hazardous.

### 3.2 Hazardous Constituents Contained in Complex Substance Required for Disclosure

Name	CAS #	Concentration*	GHS Hazard Code(s)
Constituents of Fly Ash:			
Amorphous Calcium Aluminum Silicate (encapsulated)		< 70	H335, H320
Crystalline Silica (encapsulated)	14808-60-7	< 5	H350, H320

\*All concentrations are percent by weight. Other ingredients determined not to be hazardous.

## SECTION 4 – First Aid Measures

**Skin:** Hand washing with soap and water is sufficient to remove dust and prevent any skin irritation.

**Eyes:** If dust enters eyes, flush with large volumes of water for at least 15 minutes; obtain medical advice if irritation persists.

**Ingestion:** Material is not expected to be harmful if ingested in small amounts.

**Inhalation:** Dust inhalation should be minimized with ventilation and/or respiratory protection. If respiratory distress occurs upon exposure, medical advice should be obtained immediately.

**Medical Conditions Aggravated by Exposure:**

Persons sensitive to respiratory irritants (e.g., asthmatics) should avoid dust exposure, which may aggravate their condition.

## SECTION 5 – Fire Fighting Measures

**Extinguishing Media**

Water, dry chemical, carbon dioxide

**Special Fire Fighting Procedures**

Firefighters should wear self-contained breathing apparatus in accordance with the OSHA Respiratory Protection Standard 29 CFR 1910.134

**Unusual Fire and Explosion Hazards**

If exposed to fire, material can burn, generating dense smoke with hazardous decomposition products.

**Flammable Properties**

Flash at > 500°F/260°C; thermal decomposition products

**LEL**

Not Applicable

**UEL**

Not Applicable

## SECTION 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear appropriate protective equipment (eye protection and respirator) if dust is encountered.

**Environmental Precautions:**

Not applicable, as material is solid, non-polluting substance.

**Methods for Material Containment and Clean-up:**

Solid material is a non-hazardous solid. Dust should be cleaned up by sweeping or vacuuming while minimizing airborne emissions. Waste material is non-hazardous solid refuse, like other construction debris.

**Reference to Other Sections:**

See Section 2 for Hazard Identification.

## SECTION 7 – Handling and Storage

### Precautions for Safe Handling:

Intact material requires no special handling procedures.

### Conditions for Safe Storage, Including any Incompatibilities:

Material should be stored as ordinary construction material. High temperatures, open flames, and chemicals that may degrade product should be avoided at storage locations.

## SECTION 8 – Exposure Controls/Personal Protection

### Exposure Control Parameters:

Workers and Consumers	Frequency/Occurrence	Remarks
Eye and respiratory tract exposure to dust are the potential hazards	Intermittent—Upon cutting or shaping	Hazardous constituents are encapsulated in a plastic matrix


### Exposure Limit Values:

Ingredients	CAS #	Exposure Limits		Carcinogenicity
		OSHA PEL (1989) mg/m <sup>3</sup>	ACGIH TLV mg/m <sup>3</sup> (except as noted)	
Solid Polyurethane	9009-54-5	15 (total) 5 (respirable)	10 (total) 3 (respirable)	No
Fiberglass	65997-17-3	1 fiber/cm <sup>3</sup> (respirable)	1 fiber/cm <sup>3</sup> (respirable)	No
Coal Fly Ash		15 (total) 5 (respirable)	10 (total) 3 (respirable)	No
Amorphous Silica (encapsulated)	7631-86-9, 61790532	6 (total) 3 (respirable)	6 (total) 3 (respirable)	No
Crystalline Silica (encapsulated)	14808-60-7	0.1 (respirable)	0.025 (respirable)	Yes

**Respiratory Protection:** Respirators or filtering masks should be used to prevent dust exposure if mechanical or ambient ventilation is inadequate.

**Environmental Controls:** None applicable.

## SECTION 9 – Physical and Chemical Properties

Boiling Point (°F)	Density	NFPA Rating	
Not Applicable	30-75 pounds/sq. ft.	Health 1	
Vapor Pressure (mm Hg.)	Percent Volatile by Mass (%)	Flammability 1	
Not Applicable	None	Reactivity 0	
Vapor Density (AIR = 1)	Evaporation Rate (Butyl Acetate = 1)	Special None	
Not Applicable	Not Applicable		
Solubility in Water	pH		
Insoluble	Not Applicable		

### Appearance and Odor

Solid plastic material in varying colors with a slight characteristic odor.

## SECTION 10 – Stability and Reactivity

**Stability:** Material is stable.

**Conditions to Avoid:** High temperatures, open flames, and oxidizers should be avoided.

**Incompatible Materials:** None

**Hazardous Decomposition Products:** Plastic material will decompose into hazardous smoke when burning.

## SECTION 11 – Toxicological Information

### ACUTE EFFECTS OF OVEREXPOSURE:

**Eye:** Coarse dust can cause mechanical irritation of eyes. If burned, combustion products will irritate eyes and mucous membranes.

**Skin:** Material does not pose a hazard to skin under normal use conditions.

**Inhalation:** Dust can cause mechanical irritation to respiratory tract. If burned, decomposition products can irritate the respiratory system and contain hazardous substances.

**Ingestion:** Material does not pose an ingestion hazard under normal use conditions.

### CHRONIC EFFECTS OF OVEREXPOSURE:

Repeated and prolonged exposure to dust exceeding levels in Section 8 may cause lung irritation and lung disease.

### CARCINOGENICITY:

The crystalline silica component of fly ash is recognized by some agencies as a carcinogen.

**OSHA:** OSHA regulates crystalline silica as a respiratory disease hazard as indicated in Section 8.

**IARC:** IARC classifies crystalline silica as a Group 1 carcinogen.

**NIOSH:** NIOSH considers respirable crystalline silica as known to be a human carcinogen.

**NTP:** NTP has concluded that respirable crystalline silica is a known human carcinogen.

**Comment:** Crystalline silica component is encapsulated in a plastic matrix significantly reducing bioavailability.

## SECTION 12– Ecological Information

**Toxicity:** None known.

**Persistence and Degradability:** Product is inert in the environment; does not degrade.

**Bioaccumulation Potential:** None known.

**Other Adverse Effects:** None known.

## SECTION 13 – Disposal Considerations

**Waste Treatment Methods:** Product waste is non-hazardous solid refuse and should be handled and disposed of as ordinary construction debris.

**Disposal Methods:** Solid waste disposal practices should comply with federal, state, and local agency requirements.

**Special Precautions:** See Section 2 for Hazards Information.

## SECTION 14 – Transport Information

**DOT Classification:** Not regulated

**UN/NA Number:** None assigned.

**Environmental Hazards:** None known. See Section 12.

**Placarding/Labeling Required:** Placarding is not required.

## SECTION 15 – Regulatory Information

**RCRA:** Waste material is not a listed or characteristic RCRA hazardous waste.

**EPCRA Section 311/312:** Material is an article not subject to chemical inventory requirements.

**EPCRA Section 313:** No included components are subject to supplier notification requirements of the Toxics Release Inventory (TRI) rule.

**TSCA:** All ingredients are listed on the TSCA inventory.

**California Proposition 65:** **WARNING!** This product contains crystalline silica and other chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Avoid inhaling dust when cutting or shaping this product, or use dust mask.

## SECTION 16 – Other Information

### Summary of Potential Health Risks of Material:

Product is a composite building material composed of urethane polymer encapsulated fly ash and fiberglass with minor amount of colorant and other additives. The primary hazards are eye and respiratory irritation from dust generated during cutting and shaping. Eye protection and respiratory protection are recommended if mechanical or natural ventilation is insufficient to control dust. The potential chronic health hazard assessment with crystalline silica content is mitigated by the low concentration and encapsulation limiting bioavailability of this substance.

**Date of Preparation:** May 29, 2015

**Date of Revision:** New

**Limitations:** The information and recommendations set forth herein are based on data we have in our possession, and we have reason to believe is accurate. It is, however, the user's responsibility to determine the safety, toxicity, or suitability for his/her own use of the herein described product. Because the actions by others is beyond our control, Boral Composites Inc. makes no warranty expressed or implied regarding accuracy of the data or the results to be obtained from the use thereof.