

## Material Safety Data Sheet – MSDS

**Product Name:** Xcell®  
**Revision Date:** 1/26/2012

### 1. Product Identification

**Product** Cellulose Insulation  
**Trade Name** Xcell  
**CAS#** 9004-34-6  
**ACGIH TLV** 5 mg/m<sup>3</sup> (respirable)  
**OSHA** 15 mg/m<sup>3</sup> total dust (PNOR)/5mg/m<sup>3</sup> respirable fraction (PNOR)  
**HMIS Rating:** Flammability 1  
Personal Protection E  
Health 1  
Reactivity 0  
**Filler** Boric Acid  
**CAS#** 10043-35-3

### 2. Hazardous Ingredients

Cellulosic based Fibers are considered a Nuisance Dust and should be controlled as described in Section VIII herein. Not listed as carcinogen or potential; no National Toxicology Program, IARC or OSHA involvement currently recorded.

### 3. Physical Properties

**Boiling Point (F)** Not Applicable  
**Vapor Pressure (mm Hg)** Not Applicable  
**Vapor Density** Not Applicable  
**Solubility in Water** Insoluble, Dispersible  
**Bulk Density** 2-3 lb/ft<sup>3</sup>  
**Reactivity in Water** Dispersible  
**Melting Point** Not Applicable  
**Appearance & Odor** Course material, gray in color. No discernible odor.

### 4. Fire & Explosion Data

**Flash Point** >550F  
**Flammability Limits:**  
**LEL** Not Applicable  
**UEL** Not Applicable  
**Extinguishing Media** Water  
**Special Fire Fighting Procedures** None  
**Unusual Fire & Explosion Hazards** None

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### 5. Reactivity

<b>Stability</b>	Stable
<b>Conditions to Avoid</b>	Avoid extreme heat & flame
<b>Hazardous Decomposition</b>	May produce carbon monoxide & carbon dioxide
<b>Hazardous Polymerization</b>	Will not occur

### 6. Health Hazards

#### Material is Primarily a Nuisance Dust Overexposure

May cause irritation to eye & respiratory system. Persons with respiratory problems should avoid breathing dust.

#### Inhalation

Can cause irritation to mucous membrane & upper respiratory system. Remove to fresh air.

#### Ingestion

May cause vomiting or diarrhea.

#### Eyes

In case of eye contact flush with copious amount of water

#### Skin

In case of broken skin, wear gloves. Wash dust with soap & water.

### 7. Special Precautions Spill/Leak Procedures

<b>Spill</b>	Sweep up excess material
<b>Disposal</b>	In accordance with Federal, State & local refuse regulations

### 8. Special Protection Control Measures

<b>Respiratory Protection</b>	Use NIOSH approved respiratory masks
<b>Eye Protection</b>	Use goggles or eye glasses
<b>Hand Protection</b>	If sensitive, wear gloves
<b>Other Protective Clothing</b>	None
<b>Ventilation</b>	Normal & ventilation
<b>Work/Hygiene</b>	Practices standard hygiene

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