

Regal Industries Loose-Fill Cellulose Insulation

Material Safety Data Sheet

Comment: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act.

Identity (As used on Label and List) Green 40 Max 44 Pro 50	
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Section I—General Information

Manufacturer's Name Regal Industries	Emergency Telephone Number 812-793-2214
Address 9564 E County Rd. 600 S Crothersville, IN 47229	Telephone Number for Information 812-793-2214
Date Prepared: 11/17/09	

Section II—Components/Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Boric Acid H ₃ BO ₃ CAS: 10045-35-3	Total: 15 mg/m ³ Respirable: 15 mg/m ³	(TWA) 2 mg/m ³ (STEL) 6 mg/m ³	None	0-5
Ammonium Sulfate (NH ₄) ₂ SO ₄ CAS 7783-20-3	None Established	None Established	None	0-10
Cellulose Fibers CAS 65996-61-4	Total: 15mg/m ³ Respirable Fraction: 5mg/m ³	None Established	None	Major Component

Note: Manufacturer's recommended maximum workplace exposure limit: 5mg/m₃ Total dust, dry basis, 8-hour time-weighted basis. When product is applied according to Manufacturer's instructions, evaluations during and after application indicate results significantly below 5 mg/m³ time-weighted average.

Section III—Physical/Chemical Characteristics

Boiling Point: N/A Specific Gravity (H2O =1) N/A Vapor Pressure (mm Hg.) N/A Vapor Density N/A Melting Point: N/A Solubility in Water: N/A Appearance and Odor: Fiberized newsprint and/or cardboard, brown or grey in color. No odor
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Section IV—Reactivity Data

Flash Point: NA	Extinguishing Media: No restrictions
LEL: NA	Special Fire Fighting Procedures: None
UEL: NA	Unusual Fire and Explosion Hazards: None reported

Section V—Reactivity Data

Stability: Stable. **Conditions to Avoid:** Prolonged temperatures exceeding 180°F. **Incompatibility:** Alkaline materials, Excessive moisture, Strong oxidizers. **Hazardous Decomposition or byproducts:** Expected decomposition products include carbon monoxide and carbon dioxide. **Hazardous polymerization WILL NOT Occur.**

Section VI—Health Hazard Data for Cellulose

Routes of Entry: Inhalation/Nuisance Dust. Skin/Temporary mechanical irritant. Ingestion/yes.
Health Hazards: Cellulose particulates can cause irritation of the nose, eyes and throat. Seek medical attention if irritation persists.
No unusual emergency procedures are indicated
Carcinogenicity: Not listed by NTP or IARC as a carcinogen. Not listed by OSHA as a carcinogen.

Section VII—Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Lightly wet spilled material with water to prevent dusting and transfer to leak proof container. Seal container, attach appropriate labels and dispose of according to Federal, State and local regulations.
Waste Disposal Method: Handle according to applicable waste regulations.
Precautions to take in Handling and Storing:

- Store in tightly closed containers in cool, dry, protected area
- Isolate from incompatible substances

Section VIII—Control Measures

Engineering Controls: If dust is generated, provide local exhaust ventilation to control airborne levels below the ACGIH TLV-TWA exposure limit for Particulates Not Otherwise Classified of 10 mg/m³ for inhalable particles and 3 mg/m³ of respirable particles.
Personal Protective Equipment: Under normal manufacturer's specified application conditions, no respiratory protection should be necessary. However, if airborne dust is present, use a NIOSH approved particulate respirator. Under emergency firefighting, responders should wear appropriate protective firefighting equipment. Protective gloves and eye protection are optional for this product, but should be worn if other corrosive substances are present in the workplace. Wear usual personal protective gear appropriate to work environment.
Work/Hygienic Practices: Wash face and hands before eating. Shower and change clothing daily.

Manufacturer Disclaimer: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of this product are therefore assumed by the user. Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.