

**PR & B Series**

Version 1.3

Revision Date 01/10/2020

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**SECTION 0. GENERAL INFORMATION**

This product meets the definition of an article according to 29 CFR 1910.1200 (OSHA HCS 2012) and the Hazardous Products Regulations (WHMIS 2015). Johns Manville has committed to communicate to its customers the appropriate information for assuring the safe handling and use of its products.

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Trade name : Evalith® B10, B15, B20, B25, B30, B40, PR-9, PR-EFB3

**Manufacturer or supplier's details**

Company : Johns Manville  
Address : P.O. Box 5108  
Denver, CO USA 80127  
Telephone : +1-303-978-2000  
Emergency telephone : +1-800-424-9300 (CHEMTREC)  
number

**Recommended use of the chemical and restrictions on use**

Recommended use : Battery Separator/Reinforcement, Duct Insulation Facer

Prepared by : productsafety@jm.com

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

**Other hazards**

Temporary mechanical abrasion (itching) of skin, eyes and respiratory tract may occur upon exposure to particles during handling of this product and cannot occur unless there is direct contact. Abrasion effects should subside after cessation of exposure. When exposures may exceed any applicable exposure limits, use an appropriate NIOSH-certified respirator or dust mask. Exposure limits are not expected to be exceeded in typical applications.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**

Nonwoven webs composed of glass fibers oriented in a random pattern and bonded together with a resinous binder in a wet laid process. These specialty mats combine chemically resistant glass fibers with an acid resistant binder.

**Hazardous components**

Non-hazardous according to 29 CFR 1910.1200 (OSHA HCS 2012) and the Hazardous Products Regulations (WHMIS 2015), when used as intended.

**SECTION 4. FIRST AID MEASURES**

General advice : Get medical attention if symptoms occur.

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| If inhaled              | : Move to fresh air.<br>If symptoms persist, call a physician.  |
| In case of skin contact | : Take off all contaminated clothing immediately.<br>If on skin, rinse well with water.<br>Get medical attention if irritation develops and persists.   |
| In case of eye contact  | : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.<br>If eye irritation persists, consult a specialist. |
| If swallowed            | : If symptoms persist, call a physician.<br>Rinse mouth with water to remove dust or fibers and drink plenty of water to help reduce irritation.  |

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### SECTION 5. FIREFIGHTING MEASURES

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| Suitable extinguishing media                  | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.                                  |

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment and emergency procedures | : Avoid dust formation.  |
| Methods and materials for containment and cleaning up               | : Take up mechanically.<br>Pick up and arrange disposal without creating dust. |

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### SECTION 7. HANDLING AND STORAGE

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|-----------------------------|--|
| Advice on safe handling     | : For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area. |
| Conditions for safe storage | : Keep in a dry, cool place.   |

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Inert or Nuisance Dust,	Not Assigned	PEL (Total	15 mg/m <sup>3</sup>	OSHA

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Particulates Not Otherwise Regulated (PNOR)		dust)		
		PEL (Respirable fraction)	5 mg/m <sup>3</sup>	OSHA

When exposures may exceed any applicable exposure limits, use an appropriate NIOSH-certified respirator or dust mask.

Exposure limits are not expected to be exceeded in typical applications.

### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.  
 When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hand protection  
 Remarks : For prolonged or repeated contact use protective gloves.
- Eye protection : Safety glasses
- Skin and body protection : Long sleeved clothing
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : solid
- Odour : slight
- Odour Threshold : No data available
- pH : Not applicable
- Melting point/range : Not applicable
- Boiling point/boiling range : Not applicable
- Flash point : Not applicable
- Evaporation rate : Not applicable
- Upper explosion limit : Not applicable
- Lower explosion limit : Not applicable
- Vapour pressure : Not applicable
- Relative vapour density : Not applicable
- Density : Not applicable
- Solubility(ies)
- Water solubility : Not applicable
- Thermal decomposition : Not applicable
- Viscosity
- Viscosity, dynamic : Not applicable
- Viscosity, kinematic : Not applicable

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	:	No data available

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**SECTION 11. TOXICOLOGICAL INFORMATION****Further information**

During cutting, milling or other processing of these products, particles may be generated that do not represent a health hazard if below the recommended exposure limits for particles not otherwise regulated (PNOR) (inhalable and respirable fraction). Temporary mechanical abrasion (itching) of skin, eyes and respiratory tract may occur upon exposure to particles during handling of this product and cannot occur unless there is direct contact. Abrasion effects should subside after cessation of exposure. Continuous filament glass fibers do not possess cleavage planes which would allow them to split length-wise into fibers with smaller diameter; rather they break across the fiber, resulting in fibers which are of the same diameter as the original fiber.

Microscopic examination of dust from highly chopped and pulverised glass demonstrated the presence of small amounts of respirable dust particles. Among these respirable particles, some were fiber-like in terms of length /diameter ratio (so-called "shards"). It can be clearly observed, however, that they are not regular shaped fibers but irregular shaped particles with fiber-like dimensions. To the best of our knowledge, the exposure levels of these fiber-like dust particles measured at our manufacturing plants are, on an order of magnitude, between 50 to 1000 times below existing occupational exposure limits. Exposures will vary according to environmental and process conditions and exposure duration.

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**SECTION 12. ECOLOGICAL INFORMATION****Further information**

Due to the properties of the product, a hazard to the environment may not be expected.

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : In accordance with local and national regulations.

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**SECTION 14. TRANSPORT INFORMATION**

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**International transport regulations**

These products are not classified as dangerous goods according to international transport regulations.

**SECTION 15. REGULATORY INFORMATION****TSCA list****EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

**California Prop. 65**

This product does not require a warning under the California Safe Drinking Water and Toxic Enforcement Act (Proposition 65).

**Other regulations**

Since these products are considered articles according to most of the international chemical regulations, they or their constituents have not to be listed on the national inventories.

**SECTION 16. OTHER INFORMATION****Further information**

Prepared by [productsafety@jm.com](mailto:productsafety@jm.com)

The information provided in this Safe Use Instruction (SUI) is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and emergency response and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.