

Version 0.1

Revision Date 06/13/2014

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SECTION 0. GENERAL INFORMATION

This item meets the definition of article in the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Trade name : ENRGY 3®.E
Chemical nature : Under certain conditions, such as cutting or sawing, product may release article components. Consult Section 8 for occupational exposure limits.

Manufacturer or supplier's details

Company : Johns Manville
Address : P.O. Box 5108
Denver, CO USA 80127
Telephone : 303-978-2000 8:00AM-5:00PM M-F
Emergency telephone : 1-800-424-9300 (Chemtrec, in English)
number

Prepared by : productsafety@jm.com

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Not a hazardous substance or mixture.

Label elements

Not a hazardous substance or mixture.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous components**

Non hazardous as per 29 CFR 1910.1200, when used as intended.

Article Components

Chemical Name	CAS-No.	Concentration (%)
Polyisocyanurate	9063-78-9	71 %
cellulose fiber	9004-34-6	21 %
Pentane isomers		5 %
Continuous Filament Glass Fibers		3 %

SECTION 4. FIRST AID MEASURES

If inhaled : If unconscious place in recovery position and seek medical advice.

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- If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses.
 Protect unharmed eye.
 If eye irritation persists, consult a specialist.
 Rinse with water.
- If swallowed : Keep respiratory tract clear.
 Never give anything by mouth to an unconscious person.
 If symptoms persist, call a physician.
- Protection of first-aiders : Do not leave the victim unattended.

SECTION 5. FIREFIGHTING MEASURES

- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Standard procedure for chemical fires.
- Special protective equipment for firefighters : Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.
 Sweep up and shovel.
 Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of	Permissible	Basis Update

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		exposure	concentration	
cellulose fiber	9004-34-6	TWA	10 mg/m3	ACGIH (2007-01-01)
		TWA (Respirable)	5 mg/m3	NIOSH REL (2005-09-01)
		TWA (total)	10 mg/m3	NIOSH REL (2005-09-01)
		TWA (total dust)	15 mg/m3	OSHA (2007-01-01)
		TWA (respirable fraction)	5 mg/m3	OSHA (2007-01-01)
		TWA (Total)	15 mg/m3	OSHA (1989-01-19)
		TWA (Respirable fraction)	5 mg/m3	OSHA (1989-01-19)
Pentane isomers		TWA	600 ppm	ACGIH (2007)
Continuous Filament Glass Fibers		TWA (Total dust)	10 mg/m3	ACGIH (2010-03-01)
		TWA (Total dust)	15 mg/m3	OSHA
		TWA (Respirable dust)	5 mg/m3	OSHA
		TWA (Respirable dust)	5 mg/m3	ACGIH

*Any OSHA PELs with Issue Date 1989: Vacated by court of appeals in 1992.

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection
Remarks : For prolonged or repeated contact use protective gloves.
- Eye protection : Safety glasses
- Skin and body protection : If used and stored as directed, no special protective equipment is necessary.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Written instructions for handling must be available at the work place.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : FOAM, BOARD

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Colour	: tan
Odour	: odourless
Odour Threshold	: not applicable
pH	: not applicable
	: not applicable
	: not applicable
Flash point	: not applicable
Evaporation rate	: not applicable
Upper explosion limit	: not applicable
Lower explosion limit	: not applicable
Relative vapour density	: not applicable
Solubility(ies)	
Water solubility	: insoluble
Viscosity	
Viscosity, dynamic	: not applicable
Viscosity, kinematic	: not applicable

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	: Heat, flames and sparks.
Hazardous decomposition products	: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11. TOXICOLOGICAL INFORMATION

This item meets the definition of article in the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Further information

no data available

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SECTION 12. ECOLOGICAL INFORMATION

This item meets the definition of article in the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Further informationno data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Contaminated packaging : Packaging that can not be reused after cleaning must be disposed or recycled in accordance with all federal, national and local regulations.

SECTION 14. TRANSPORT INFORMATION**International transport regulations**

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

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

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

SARA304 Reportable Quantity

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

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA Listed on TSCA

DSL All components of this product are on the Canadian DSL.

SECTION 16. OTHER INFORMATION**Further information**

Prepared by productsafety@jm.com

The information provided in this Safe Use Instruction 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 release 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.