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SAFETY DATA SHEET

SECTION 1 - Identification

1.1 Product Identifier

- Product Name • Thermal Bonded Polyester Fiber Batting
- Synonyms • Fibrous Material, Needle-punched, High-loft

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

- Recommended Use • Comfort Applications, Automotive Applications

1.3 Details of the Supplier of the Safety Data Sheet

- Manufacturer • Carpenter Co.
5016 Monument Ave.
Richmond, Virginia 23230
(804) 233-0606

SECTION 2 - Hazards Identification

2.1 Classification of the Substance or Mixture

Thermal Bonded Polyester Fiber Batting is an “article”, not a chemical, as defined in 29 CFR 1910.1200(c). Under normal conditions of use, this product, in the form in which it is shipped, does not pose a physical hazard or health risk and does not require a Safety Data Sheet. As a service to our customers, Carpenter Co. has provided this Safety Data Sheet.

2.2 GHS Label Element

Not applicable

2.3 Other Hazards

None identified

SECTION 3 - Composition/Information on Ingredients

Fiber is an “article”, not a chemical, as defined in 29 CFR 1910.1200(c). Therefore, it does not meet the criteria of a substance or mixture.

SECTION 4 - First Aid Measures

4.1 Description of First Aid Measures

- By route of inhalation • Inhalation of polyester fiber is unlikely.
- By route of dermal contact • Wash skin with soap and water if irritation occurs.

By route of eye contact

- If contact with material occurs flush eyes with water.

By route of ingestion

- No data available.

SECTION 5 - Firefighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media

- Dry chemical, foam, carbon dioxide, water fog or fine spray.

Unsuitable Extinguishing Media

- No data available.

5.2 Special Hazards Arising From the Substance or Mixture

- Oxides of carbon and irritating smoke

5.3 Special Protective Actions for Firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing.

SECTION 6 - Accidental Release Measures

No data available

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

- Treat as normal refuse in accordance with local, State, and Federal regulations.
- Minimize dust generation and accumulation.
- Store and use away from sparks and open flame.
- Routine housekeeping should be instituted to ensure that dusts does not accumulate on surfaces.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Storage

- Maintain adequate sprinkler protection where large volumes of fiber are kept.

Incompatibilities

- Keep away from ignition sources. Smoking should be forbidden in areas where material is stored or processed.

Other Information

- No additional information.

SECTION 8: Exposure Controls/ Personal Protection

8.1 Control Parameters

Exposure Limits/Guidelines

- OSHA has established PEL values of 15 milligrams per cubic meters (mg/m^3) for total dust and $5 \text{ mg}/\text{m}^3$ of

respirable dust (8-hour TWA) for such particulates not otherwise regulated (PNOR).

8.2 Exposure Controls

| | |
|--------------------------------|--|
| Engineering Controls | • None required under normal use. |
| Eye/Face Protection | • None required under normal use. Safety glasses with side shields may be required depending on the processing activity. |
| Respiratory Protection | • None required under normal use. |
| Skin Protection | • None required under normal use. |
| Additional Protection Measures | • None |

SECTION 9: Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

| Material Description | | | |
|-------------------------------------|---------------------|-----------------------------------|---------------------------|
| Physical Form | • Solid | Odor | • Odorless |
| Appearance | • Fibrous | Odor Threshold | • No data available |
| Color | • Varied | | |
| General Properties | | | |
| Boiling Point | • Not measurable | Melting Point | • 200°F |
| Decomposition Temperature | • No data available | pH | • Not measurable |
| Density | • No data available | Water Solubility | • Insoluble |
| Solvent Solubility | • Insoluble | Viscosity | • No data available |
| Explosive Properties | • No data available | Oxidizing Properties | • No data available |
| Decomposition Temperature | • Not measurable | Specific Gravity/Relative Density | • <1 (H ₂ O=1) |
| Volatility | | | |
| Vapor Pressure | • Not measurable | Vapor Density | • Not measurable |
| Evaporation Rate | • Not measurable | VOC (Vol.) | • No data available |
| Volatiles (Vol.) | • No data available | | |
| Flammability | | | |
| Flash Point | • No data available | LEL | • No data available |
| UEL | • No data available | Flammability (solid, gas) | • WILL BURN IN FIRE |
| Auto-ignition Temperature | • No data available | | |
| Environmental | | | |
| Octanol/Water Partition Coefficient | • Not measurable | | |

9.2. Other Information

No additional information available

SECTION 10: Stability and Reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical Stability

Stable.

10.3 Possibility of Hazardous Reactions

None known.

10.4 Conditions to Avoid

Heat, sparks, and open flames.

10.5 Incompatible Materials

None known.

10.6 Hazardous Decomposition Products

Will not occur.

SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

No data available.

11.2 Potential Health Effects

Inhalation

- | | |
|---------|--|
| Acute | • Exposure to dust may cause irritation. |
| Chronic | • None known. |

Skin

- | | |
|---------|--|
| Acute | • Exposure to dust may cause irritation. |
| Chronic | • None known. |

Eye

- | | |
|---------|----------------------------------|
| Acute | • Dust can cause eye irritation. |
| Chronic | • None known. |

Ingestion

- | | |
|---------|---|
| Acute | • Under normal conditions of use, no health effects are expected. |
| Chronic | • None known. |

SECTION 12: Ecological Information

12.1 Toxicity

No data available

12.2 Persistence and Degradability

No data available

12.3 Bioaccumulative Potential

No data available

12.4 Mobility in Soil

No data available

12.5 Other Adverse Effects

No data available

SECTION 13: Disposal Considerations

13.1 Waste Disposal Method

Product Waste

- Do not dump into any sewers, on the ground, or into any body of water.
- All disposal methods must be in compliance with Federal, State/Provincial, and local regulations.

Packaging Waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport Information

U.S. DOT

Not regulated as hazardous for shipment.

SECTION 15: Regulatory Information

15.1 Regulatory Status

CERCLA Hazardous Substances (40 CFR 302): None reportable.

SARA 311/312: None reportable.

SARA 313: None reportable.

15.2 US State Regulations

STATE RIGHT-TO-KNOW: To the best of our knowledge, this product contains no chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. (California Health and Safety Code Section 25249.6).

15.3 International Inventories*

United States: All components of this product are listed on the TSCA inventory.

SECTION 16: Other Information

16.1 NFPA RATINGS

NFPA Ratings

Health: 0

Flammability: 1

Instability: 0

16.2 EU CLP Relevant Phrases

Not applicable.

16.3 Preparation By

I.H. Department

16.4 Preparation Date

April 16, 2012

16.5 Last Revision Date

August 15, 2017

16.6 Disclaimer/Statement of Liability

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