



SDS

THERMO TEC Automotive, Inc.
www.thermotec.com

SAFETY DATA SHEET

SECTION 1. – Identification

Manufacturer: **THERMO TEC Automotive, Inc.**
Address: P. O. Box 96, Greenwich, OH 44837
Emergency/Health/Technical phone: 800-274-8437
Preparation/Revision Date: January 1, 2022
Part #(s): **11001-11023 & 11151-11248**

NOTE: The Exhaust Insulating Wrap consists of fiberglass fabric and tape base materials (with and without wire reinforcement) which are coated with vermiculite.

SECTION 2. – Hazardous Identification

Emergency Overview: Non-Hazardous
Appearance and Odor: White to off-white to yellow-white in color in rope, tape or fabric form; no odor.
Primary Routes of Exposure: Skin, eyes and mouth
Possible Health Effects:
Inhalation: Mechanical irritation of the mouth, nose and throat.
Skin contact: Mechanical irritation to the skin
Eye contact: Mechanical irritation to the eyes
Ingestion: Ingestion is not likely
Medical Conditions Aggravated by Exposure:
Chronic respiratory and skin conditions may temporarily worsen from exposure
Carcinogenicity: IARC, ACHIH, NTP AND OSHA do not list fiberglass fabrics as a carcinogen
Chronic Conditions: None known. See Section 11: Toxicological Information

SECTION 3. - Composition and Ingredient Information

Name	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Fibrous Glass (CAS #65997-17-3)	15 mg/M ³ (5 mg/M ³ - respirable dust)	10 mg/M ³	3 fibers/ cc(NIOSH)	>95
Sizings, Binders (CAS not available)	-	-	-	<5

SECTION 4. - First-Aid Measures

Inhalation: Move person to fresh air, rinse mouth and blow nose to expel fibers.
Skin: Wash with mild soap and running water. Do not rub or scratch affected area.
Eyes: Flush with flowing water for at least 15 minutes and if symptoms persist, seek medical attention.
Ingestion: If ingested and gastrointestinal irritation develops seek medical attention.

SECTION 5. – Fire-Fighting Measures

Flash Point: N/A
Flammability classification: Non-flammable
Unusual Fire and Explosion Hazards: N/A
Extinguishing Techniques: Use the appropriate technique for surrounding fire - Water, foam, CO2 or dry chemical
Equipment: Fire fighters should wear full protective gear including NIOSH approved self-contained breathing apparatus.
Chemical hazards from fire: Fiberglass will not burn. However, thermal decomposition of fiber coatings may produce an irritating mixture of smoke and fumes. It may release carbon monoxide, carbon dioxide, and water.



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SECTION 6. - Accidental Release Measures

Emergency procedures: Fiberglass is considered an inert solid waste. Special procedures are not required.

Protective equipment: Wear appropriate personal protective equipment when necessary as stated in section VIII.

Proper method of
containment and cleanup: Fiberglass is considered an inert solid non-hazardous waste. Dispose in accordance with federal, state, and local regulations.

SECTION 7. - Handling and Storage

Handling: Avoid prolonged contact with the skin to avoid irritation. Wear PPE as described in Section VIII when necessary. Wash hands and face after handling product and before eating.

Storing: Store away from direct sunlight in an area without excessive humidity to prevent damage to the product and packaging materials. To avoid damaging the material do not double stack.

Incompatibilities: N/A

SECTION 8. – Exposure Controls and Personal Protection

<u>Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits Recommended</u>	<u>%</u>
Fibrous Glass (CAS #65997-17-3)	15 mg/M ³ (5 mg/M ³ - respirable dust)	10 mg/M ³	3 fibers/ cc(NIOSH)	>95
Sizings, Binders (CAS not available)	-	-	-	<5

Engineering Controls: N/A

Respiratory Protection: Where dust levels exceed permissible exposure levels, use NIOSH approved respiratory protection for nuisance dust

Ventilation: Local exhaust is recommended to control dust.

Eye Protection: Not required unless fiber levels cause mechanical irritation. Wear safety glasses with side shields/goggles.

Protective Gloves: Wear gloves and use barrier creams, if necessary.

Other Protective Clothing or equipment: Use of long-sleeved shirts, buttoned to fit loosely at the neck and wrists, long pants, and good personal hygiene will maximize comfort. Separate contaminated work clothes from street clothes and launder separately.

SECTION 9. - Physical and Chemical Properties

Physical state:	Woven, knitted or needled fiberglass material. Color: White to off-white to yellowish		
Boiling Point	N/A	Specific Gravity (H ₂ O=1):	2.5 (+/- 1)
Vapor Pressure (mm Hg):	N/A	Melting Point:	2000 F/1093 C
Vapor Density (Air = 1):	N/A	% Volatile by Volume:	N/A
Evaporation Rate:	N/A	Solubility in Water:	Insoluble



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SECTION 10. - Stability and Reactivity

Stability:	Stable
Conditions to avoid:	None known
Incompatibility (Materials to avoid):	None known
Odor:	None
Hazardous Decomposition of Byproducts:	Coatings or binders may decompose in a fire. See Section V.
Hazardous Polymerization:	Will not occur

SECTION 11. - Toxicological Information

Routes of Exposure: Fiberglass is a possible mechanical irritant when in contact with the skin, eyes and mouth.

NOTE: All continuous filament fiberglass used in the manufacture of THERMO-TEC products are greater than the NIOSH limit and are not respirable. NIOSH defines "respirable fibers" as greater than 5 microns in length and less than 3 microns in diameter.

Acute: NONE: See Section 3 for possible mechanical irritation

Chronic: NONE

Carcinogenic: NONE: Studies conducted in the last 10 years have found fiberglass textiles are not considered a human carcinogen by:

- IARC Internal Agency for Research on Cancer
- ACGIH American conference of Governmental Industrial Hygienists
- OSHA Occupational Safety and Health Administration
- NTP National Toxicity Program Annual Report

SECTION 12. - Ecological Information

Data not available. Material not considered harmful to animals, plants or fish

SECTION 13. - Disposal Considerations

Fiberglass textiles are considered an inert industrial waste. Dispose of according to local, state, or federal regulations

SECTION 14. - Transport Information

Fiberglass is not considered hazardous

SECTION 15. - Regulatory Information

Fiberglass does not require hazardous product labeling, not regulated for transport.

SECTION 16. - Other Information

Date of preparation: January 31, 2014

Date of previous revision: January 31, 2011

DISCLAIMER:

The information presented is a compilation of our data and data from our suppliers. THERMO-TEC makes no warranty, expressed or implied, but not limited to, any implied warranty of merchantability or fitness for purpose or usage. It is recommended that users confirm the appropriateness of the information presented herein.