

MSDS

Thermo Tec Automotive, Inc.

SECTION I – Identification

Manufacturer: **Thermo Tec Automotive, Inc.**
Address: PO Box 96; Greenwich, Ohio 44837
Emergency/Health/Technical phone: 800-274-4837
Preparation/Revision Date: January 31, 2015
Product Identifier: **Carbon Fiber Exhaust Wrap (BASALT) #11041; 11042**
Recommended use: Automotive, Industrial Applications
Restrictions on use: For recommended use only

SECTION II – Hazardous Identification

Emergency Overview: Non-Hazardous
Appearance and Odor: Dark brown, gold color in 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 if mechanical grinding or sanding is performed on product
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: No data available
Chronic Conditions: None known. See Section 11: Toxicological Information

SECTION III - Composition and Ingredient Information

<u>Name</u>	<u>Description</u>	<u>Filament size</u>	<u>Ingredients</u>	<u>%</u>
Basalt	Roving of continuous basalt filaments	9-20 micron	Non-hazardous	>97
Sizings, Binders	-	-	-	<3

SECTION IV - First-Aid Measures

Inhalation: Move person to fresh air, rinse mouth and blow nose to expel fibers.
Skin: Can cause irritation through splinters entering 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 V – 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: Basalt 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.

MSDS

Thermo Tec Automotive, Inc.

SECTION VI - Accidental Release Measures

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

Protective equipment: Wear appropriate personal protective equipment as stated in section VIII. Vacuum up dust, if sweeping is necessary, use a dust suppressant to avoid dust generation.

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

SECTION VII - 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 at room temperature 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 VIII – Exposure Controls and Personal Protection

<u>Name</u>	<u>Description</u>	<u>Filament size</u>	<u>Ingredients</u>	<u>%</u>
Basalt	Roving of continuous basalt filaments	10-20 microns	Non-hazardous	>97%
Sizings, binders				>3%

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 IX - Physical and Chemical Properties

Physical state: Woven, knitted or needled basalt material.	Color Dark brown, gold
Boiling Point: N/A	Density: 2.67g/cm ³
Vapor Pressure (mm Hg): N/A	Solubility in water: Insoluble
Vapor Density (Air = 1): N/A	Melting point: 1050 °C (softening point)
Evaporation Rate: N/A	

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SECTION X - Stability and Reactivity

Stability:	Stable
Conditions to avoid:	Humidity > 65%
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 XI - Toxicological Information

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

Acute:	NONE:	See Section III for possible mechanical irritation
Chronic:	NONE	
Carcinogenic:	NO DATA AVAILABLE	

SECTION XII - Ecological Information

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

SECTION XIII - Disposal Considerations

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

SECTION XIV - Transport Information

Basalt is not considered hazardous

SECTION XV - Regulatory Information

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

SECTION XVI - Other Information

Date of preparation: 10 September 2015

Date of previous revision: N/A

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