

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	PE Fiber
Product Name / Trade Name	RT-SuperThix
CAS No.	9002-88-4

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Thickening agent for industrial flooring resins.
Uses Advised Against	None

Details of the supplier of the safety data sheet

Company Identification	Res-Tek, Inc. 110 Riverside Drive Cartersville, Georgia 30120 United States of America
Telephone	1-888-737-8351 / 1-770-427-4034

Emergency telephone number

CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Not a hazardous substance or mixture.
Target Organs	Not applicable.

Label elements

Hazard Symbol	None.
Signal Word(s)	None.
Hazard Statement(s)	None.
Precautionary Statement(s)	None.

Other hazards

No data available.

Additional Information

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion. This material is combustible, but will not ignite readily. In case of fire dangerous gases may be liberated: Carbon monoxide. Carbon dioxide. Damage can be caused through mechanical influence of the product (e.g. sticking).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard Statement(s)
Not relevant.	Not relevant.	Not relevant.	Not relevant.

For full text of H phrases see section 16.

Additional Information - None

SECTION 4: FIRST AID MEASURES



Description of first aid measures

General	When in doubt or if symptoms are observed, get medical advice.
Inhalation	Provide fresh air.
Skin Contact	After contact with skin, wash immediately with plenty of water and soap.
Eye Contact	Irrigate thoroughly with water. Seek medical attention if symptoms persist.
Ingestion	Rinse mouth immediately and drink plenty of water. When in doubt or if symptoms are observed, get medical advice.

Note to Physician

Treat symptomatically.

Indication of any immediate medical attention and special treatment needed

No known symptoms to date.

Routes of entry:

Not relevant.

Potential Health Effects:

Inhalation	No known symptoms to date.
Skin	No known symptoms to date.
Eyes	No known symptoms to date.
Ingestion	No known symptoms to date.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media	Extinguish with water spray, dry chemical or carbon dioxide..
-Unsuitable Extinguishing Media	High power water jet.

Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide.

General information

Danger of dust explosion.

Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Fire class A (Fires of solids, mainly organic nature, which normally burn down under glow forming).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid generation of dust. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Environmental precautions

No special environmental measures are necessary.

Methods and material for containment and cleaning up

Take up mechanically. Avoid generation of dust.

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid generation of dust. During filling, metering and sampling appropriate ventilation should be used if possible.

Precautions against fire and explosion

The product is: Combustible. Danger of dust explosion. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Have fire-extinguishers in readiness before opening

containers.

Additional Information

Avoid generation of dust. Recommendations for handling: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/./ equipment. Wear protective gloves/protective clothing/eye protection/face protection.

Conditions for safe storage, including any incompatibilities

-Storage temperature	Store in a cool, dry place. Store in original container. Open carefully. Protect against humidity.
-Incompatible materials	None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Not relevant	Not relevant	5 mg/m3 (Respirable Dust) 15 mg/m3 (Total Dust)	3 mg/m3 (Respirable Dust) 10 mg/m3 (Total Dust)	-	-	

- STEL: Short Term Exposure Limit; IFV = Inhalable Fraction & Vapor

Exposure controls

Appropriate engineering controls

Work in well ventilated zones or use proper respiratory protection.

Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Hand and body protection is not required.

Respiratory protection



In case of inadequate ventilation wear a NIOSH approved quarter or half face dust mask or respirator appropriate for use concentration. If the concentration exceeds the dust mask o respirator capability a full face supplied air respirator must be used.

Thermal hazards

Not normally required.

Environmental Exposure Controls

No additional measures necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Powder.
Color.	White.
Odor	Odorless.
Odor Threshold (ppm)	Not applicable..
pH (Value)	Not applicable.
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	Not applicable.

Flash Point (Closed Cup, °C)	Not available.
Evaporation Rate	Not applicable.
Flammability (solid, gas)	Combustible.
Explosive Limit Ranges	30 g/m3 to 11,000 g/m3
Vapour pressure (mmHg)	Not applicable.
Vapour Density (Air=1)	Not applicable.
Density (g/ml)	0.95 at 25 °C (77 °F) (7.93 lb/gal @ 25 °C)
Specific Gravity	0.95
Solubility (Water)	Insoluble.
Solubility (Other)	Insoluble.
Partition Coefficient (n-Octanol/water)	Not applicable.
Auto Ignition Point (°C)	Not applicable.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (mm2/s)	Not applicable.
Dynamic Viscosity (mPa.s)	Not applicable.
Explosive properties	Combustible.
Oxidizing properties	Not oxidizing.
Other information	None.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not relevant.
Chemical stability	Stable.
Possibility of hazardous reactions	Not to be expected.
Conditions to avoid	Keep away from sources of ignition. - No smoking.
Incompatible materials	Not relevant.
Hazardous decomposition product(s)	In case of fire may be liberated: Carbon monoxide. Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Ingestion.

Exposure symptoms: Not relevant.

Information on toxicological effects

Acute toxicity (estimated / calculated)	Not relevant.
Corrosivity / Irritation	Prolonged exposure not likely to cause significant skin irritation. Corneal injury is unlikely.
Sensitization	Not sensitizing.
Repeated dose toxicity	Not relevant.
Mutagenicity	Not relevant.
Carcinogenicity	

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Toxicity for reproduction
Other information

No indications of human reproductive toxicity exist.
Damage can be caused through mechanical influence of the product (e.g. sticking).

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity (estimated / calculated)

Not relevant.

Long Term Toxicity

Not relevant.

Persistence and degradability

Not persistent.

Theoretical Oxygen demand

Not applicable.

Biological oxygen demand (BOD)

Not applicable.

Partition Coefficient: n-octanol/water (log Kow):

Not applicable.

Bioaccumulative potential

No indication of bioaccumulation potential.

Mobility in soil

Not relevant.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Partition Coefficient (Koc)

Not applicable.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	Not a dangerous good	Not a dangerous good	Not a dangerous good
Proper Shipping Name			
Transport hazard class(es)			
Packing group			
Environmental hazards			
Special precautions for user			
DOT Placard			

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not a dangerous good.

* Reportable Quantity (RQ) substance

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
Not relevant			

SARA 311/312 - Hazard Categories:

☐ Fire ☐ Sudden Release ☐ Reactivity ☐ Immediate (acute) ☐ Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Not relevant		

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
Not relevant	-----	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
Not relevant	-----	-----	-----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

Date of preparation: February 7,, 2019

Hazard Statement(s) Listed in: SECTION 3

Not relevant.

Additional Information: None.

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