SAFETY DATA SHEET

1. Identification

Product identifier	TECTONITE 900
Other Means of identification	
SDS number	18
Additional Ptoducts	Thermal-lite Fire Door Core, WS 412 Fire door Core
Synonyms	Mineral fiber components
Recommended use	Interior use as fire door components
Recommended restrictions	Use in accordance with manufacturer's Recommendations

Manufacturer/importer/supplier/distributor information

Company name	Warm Springs Composite Products
Address	3270 U S Hwy 26, Bldg. # 8/PO Box 906 Warm Springs , Oregon 97761 USA
Telephone	(541) 553-1143
Website	www.wscp.com
Emergency Telephone	(800) 553-1143

2.Hazard(s) idertification

Physical hazards	Not Classified	
Health hazards	Specific target organ toxicity, single exposure respiratory tract irritation	Category 3
	Specific target organ toxicity, repeated exposure	Category 1 (lung)
	Carcinogenicity	Category 1A
	Skin irritation	Category 2
	Eye damage	Catagore 1
	Sensitization, skin	Catafory 1
Environmental hazards	Not Classified	
OSHA defined ahzards	Not Classified	

Lable elements

Single word Danger

Hazard Statement May cause cancer. May cause damage to organs (lungs) through prolonged or repeated exposure by inhalation

Precautionary statement

Prevention Read special instructions before use. Do not handle until all safety precautions have been read and understood
Wear protective gloves, protective clothing and eye protection.

Response If exposed or concerned get get medical advice/attention

Storage	Store locked up
Disposal	Dispose of in accordance with local authority regulations
Hazards not otherwise classified (HNOC)	None known

3. Composition/information on ingredients

Mixtures

Chemical name		%
Calcium Sulfate Dihydrate	CAS Number	<70
Perlite	10101-41-4	<30
Diatomite	93763-70-3	<50
Fibrous Glass Strands	61790-53-2	<10
Natural Organic Fibers	14808-60-7	<20
	65996-61-4	

Impurities

Chemical Name		%
Crystalline silica (Quartz)	CAS number	<20
	14808-60-7	

Composition Comments

Exact %'s are withheld due to proprietary formulations.
Raw materials in this product contain respirable crystalline silica in the form of dust produced when handling and machining. Exposure to respirable crystalline silica during normal use of this product must be determined by workplace hygiene testing.

4. First aid measures

Inhalation

Dust irritates the respiratory System and may cayse coughing and difficulties breathing. Move exposed person into fresh air and keep calm and under observation.
Seek medical attention if symptoms persist.

Skin Contact

If there is contact with dust from this product, rinse with water and seek medical attention if irritation develops or persists.

Eye Contact

If dust gets in eyes, do not rub eyes and flush thoroughly with water and seek medical attention if irritation develops or persists.

Ingestion

Rinse mouth with water and seek medical attention if irritation develops or persists.

General information

Under normal conditions of intended use, this product is not normally expected to be a health risk. Avoid dust from machining or handling.
Ensure medical personnel are aware of material(s) involved.

5. Fire-fighting measures

Suitable extinguishing media

Use fire-extingushing media appropriate for surrounding materials.

Unsuitable extinguishing media

None known

Specific hazards arising from this product

Not a fire hazard

Fire fighting equipment/instructions

Use standard fire fighting procedures and consider the hazards of other involved materials

Specific methods

Cool material exposed to heat with water spray and remove it if no risk is involved.

General fire hazards

No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emengency procedures

Dust from this material should be avoided when possible. Approved respirators appropriate for exceeded exposure limits should be worn.

See also Section 8 of this SDS for further information regarding personal protective equipment.

Methods and materials for containment and clean-up.

No specific clean-up procedures noted. See Section 13 of this SDS for information regarding waste disposal.

Evironmental precautions

Avoid discharge to drains, sewers and other water systems.

7. Handling and Storage

Precautions for safe Handling

Use work methods which minimize dust production. Utilize appropriate exhaust ventiliation where dust is present.

Conditions for safe storage

Store in dry surroundings. No incompatible materials known.

8. Exposure controls/personal protection

Occopational exposure Limits

US. OSHA / (UK WEL's)

Component	Type	Value	Form
Calcium sulfate dihydrate CAS 10101-41-4	TWA	5 (4) mg/m3	Respirable fraction
Perlite CAS 93763-70-3	TWA	5 (?) mg/m3	Respirable fraction
Diatomite CAS 61790-53-2	TWA	5 (1.2)mg/m3	Respirable fraction
Fibrous glass CAS 14808-60-7	TWA	6 (4) mg/m3	Respirable fraction
Organic fibers CAS 65996-61-4	TWA	15 (10) mg/m3	Total dust

Impurities

Crystalline Silica	TWA	0.05 (0.1 mg/m3	Respirable fractiom
CAS 14808-60-7			

Biological limit values

No biological exposure limits noted for the ingredients

Appropriate Engineering controls

Provide sufficient ventilation for operations causing dust formation.
Observe occupational exposure limits. Dust collection systems recommended for operations causing dust.

Individual protection measures, such as personal protective equipment

Eye/face protection — Wear approved safety glasses, goggles or face shields. Provide emergency eye/face wash stations in work area.

Skin Protection

Hand protection — Use suitable protective gloves and wash hands after contact with material.

Other — Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection — Approved respirator should be worn. Consult with respirator manufacturer to determine respirator selection.

Thermal hazards — None known

General hygiene considerations — Always observe good personal hygiene procedures, such as washing after handling the material and before eating, drinking and/or smoking. Wash clothing and protective equipment separately from regular wash.

9. Physical and chemical properties

Appearance

Physical state	Solid
Form	Solid
Color	Grey
Odor	low to no ordor
ordor threshold	Not applicable
pH	8
Melting point and freezing point	2,200 F (1204.4 C) and not applicable
Boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid,gas)	Not applicable
Upper and lower flammability and explsoive limits	
Flammability limit-lower	Not applicable
Flammability limit-upper	Not appliacble
Explosive limit-lower	Not applicable
Explosive limit-upper	Not applicable
Vapor pressure	Not applicable

Vapor density	Not applicable
Relative density	62-72 pcf (993.1-1153.3 kg/m3)
Solubility	
Water	Very low solubility in water
Partition corfficient (n-octanol-water)	not available
Auto-ignition temperature	Not alpplicable
Decomposition Temperature	Not alpplicable
Viscisity	Not alpplicable
Other information	
Bulk density	62-72 pcf (993.1-1,153.3 kg/m3)
VOC (weight)	NA solid

10. Stability and reactivity

Reactivity	This product is stable and non-reactive undernormal use storage and transport
Chemical stability	This product is chemicaly stable under normal conditions
Possibility of hazardous reactions	Hazradous polymerization does not occure
Conditions to avoid	Contact with incompatable materials
Incompatible materials	Strong oxidizing agents
Hazardsous decomposition products	No hazardous decomposition products known

11. Toxicological information

Information on likely routes of exposure	
Inhalation	May cause irritation to the respiration system
Skin contact	May cause skin irritation through mechanical abradion or through allergic skin reaction
Eye contact	May cause eye irritation or eye damage
Ingestion	May cause gastrointestinal irritation if ingestetd
Systems related to the physical, chemical and toxicological characteristics	May cause serious eye damage. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage could result. May cause respiratory irritation. Symptoms may include coughing, and shortness of breath. May cause skin irritation. Symptoms may include redness, dermatitis or rash.
Information on toxicological effects	
Acute Toxicity	Not expected to be a hazard under normal conditions of intented use
Skin corrison or skin irritation	Prolonged skin contact may cause skin irritation
Serious eye damage or irritation	Direct contact with the eye may result in serious eye damage
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer
Skin sensitization	may cause an allergic skinreaction
Germ cell mutagenicity	No data available
Carcinogenicity	Pepeated and prolonged exposures to high levels of respiriable crystalline silica may cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenisity

Crystalline Silica (Quartz) (CAS 14808-80-7)	1 Carcinogenic to humans
NTP Report on Carcinogens	
Crystalline Silica (Quartz) (CAS 14808-80-7)	Known to be human Carcinogen
Repoductive Toxicity	None expected
Specific target organ toxicity-singal exposure	May cause respiritory irritation
Specific target organ toxicity-repeated exporsure	May cause damage to organs (eyes, lungs) through repeated exposure
Aspiration hazard	Not an aspiration hazard
Chronic effects	Prolonged and repeated inhalation of crystalline silica particles can lead to lung disease or silicosis. Some pre-existing skin or respiritory conditions also may be aggravated by exposure

12. Ecological information

Ecotoxicity	The product components are not classified as environmentally hazardous.
Persistence and degradability	No data available on the degradability of this product
Bioaccumulative potential	Bioaccumulation is not expected
Mobility in Soil	No data available
Other adverse effects	None expected

13. Disposal considerations

Disposal Instructions	Dispose in accordance with local, regional, national or international regulations
Local disposal regulations	Cunsult local disposal regulatory offices
Hazardous waste code	None assigned
Waste from residues or unused products	Dispose of in accordance local regulations
Contaminated packaging	Dispose of in accordance local regulations

14. Transport Information

DOT	Not regulated as danderous goods
IATA	Not regulated as danderous goods
IMDG	Not regulated as danderous goods
Transport in bulk according to Annex II of MARPOL 73-78 and IBC Code	Not applicable. This productis a solid. Therefore, bulk transport is governed by IMSBC Code

15. Regulatory Information

US federal regulations	This product is not hazardous in the form in which it is sold

and shipped by the manufacturer. However, dusts generated from cutting, sanding, and machining is considered hazardous and is regulated under the Hazard Communication Standard 29 CFR1910.1200.

TSCA Section 12(b) Expore notification (40 CFR 707,Subpt.D)

Not regulated

CERCLA Hazardous Substance List (40 CFR302-4)

Not listed

SARA 304 Emergency release notification

Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050

Not regulated

Other federal regulations

Clean Air Act(CCA)Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated

Clean Air Act (CCA) Section 112® Accidental Release Prevention (40 CFR 68.130)

Not regulated

Safe Drinking Water ACT (SDWA)

Not regulated

16. Other information, including date of preparation or last revision

Disclaimer **The information provided is without warranty. The information provided is correct to the best of our knowledge, information and belief at the date of this publication. this informationshould be used to make an independentdetermination of the methods to safeguard workers and the environment.**

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NOTE: KEY -LEGEND FOLLOWS AS A REFERENCE