

SAFETY DATA SHEET**Foster® FIBER-FAS™ 32-16**

Version 1.1

Revision Date 03/28/2024

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Foster® FIBER-FAS™ 32-16
Product code : 100000013736

Manufacturer or supplier's details

Company : H.B. Fuller Construction Products

Address : 1105 South Frontenac
Aurora, IL, 60504

Telephone : 1-800-552-6225

Medical Emergency Phone Number (24 Hours): 1-888-853-1758

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

Recommended use of the chemical and restrictions on use

Recommended use : Water based sealant

Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview**

Appearance	liquid
Color	gray
Odor	sweet

GHS Classification

Effects on or via lactation :

GHS label elements**Hazard Statements:**

H362 May cause harm to breast-fed children.

Precautionary Statements:

Prevention: P201 Obtain special instructions before use. P263 Avoid contact during pregnancy/ while nursing. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product.

Response: P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Potential Health Effects**Carcinogenicity:**

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IARC	Group 1: Carcinogenic to humans Quartz (SiO ₂) 14808-60-7 Group 2B: Possibly carcinogenic to humans Paraffin waxes and Hydrocarbon waxes, chloro 63449-39-8 Alkanes, chloro 61788-76-9
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens. Known to be human carcinogen Quartz (SiO ₂) 14808-60-7 Reasonably anticipated to be a human carcinogen Paraffin waxes and Hydrocarbon waxes, chloro 63449-39-8
NTP	

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
Limestone	1317-65-3	30 - 50
Paraffin waxes and Hydrocarbon waxes, chloro	63449-39-8	5 - 10
Alkanes, chloro	61788-76-9	5 - 10
Alkanes, C14-17, chloro	85535-85-9	5 - 10
kaolin	1332-58-7	1 - 5
Cellulose	9004-34-6	1 - 5
Quartz (SiO ₂)	14808-60-7	0.1 - 1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	: Show this material safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. If symptoms persist, call a physician.
In case of skin contact	: Wash off with soap and water.
In case of eye contact	: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

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- If swallowed : Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.
- Most important symptoms and effects, both acute and delayed : May cause harm to breast-fed children.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Not combustible.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : none
- Specific hazards during fire fighting : Cool closed containers exposed to fire with water spray.
- Specific extinguishing methods :
- Further information : This product is an aqueous mixture that will not burn. Dried product film will burn in a fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : No special environmental precautions required.
Prevent product from entering drains.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : No special precautions are needed in handling this material.
- Conditions for safe storage : Keep container closed when not in use.
Keep in a dry, cool place.
- Materials to avoid : Do not freeze.
No special restrictions on storage with other products.
- Storage temperature : ≥ 40 °F

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis		
Limestone	1317-65-3	TWA (Respirable)	5 mg/m ³	NIOSH REL		
		TWA (total)	10 mg/m ³	NIOSH REL		
		TWA (Respirable)	5 mg/m ³	NIOSH REL		
		TWA (total)	10 mg/m ³	NIOSH REL		
		TWA (Respirable)	5 mg/m ³	NIOSH REL		
		TWA (total)	10 mg/m ³	NIOSH REL		
		TWA (total dust)	15 mg/m ³	OSHA Z-1		
		TWA (respirable fraction)	5 mg/m ³	OSHA Z-1		
		TWA (Total)	15 mg/m ³	OSHA P0		
		TWA (Respirable fraction)	5 mg/m ³	OSHA P0		
		TWA (Total dust)	15 mg/m ³	OSHA P0		
		TWA (respirable dust fraction)	5 mg/m ³	OSHA P0		
		kaolin	1332-58-7	TWA (Respirable particulate matter)	2 mg/m ³	ACGIH
				TWA (total dust)	15 mg/m ³	OSHA Z-1
TWA (respirable fraction)	5 mg/m ³			OSHA Z-1		
TWA (Total)	10 mg/m ³			OSHA P0		
TWA (Respirable fraction)	5 mg/m ³			OSHA P0		
TWA (Total dust)	10 mg/m ³			OSHA P0		
TWA	5 mg/m ³			OSHA P0		

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		(respirable dust fraction)		
Cellulose	9004-34-6	TWA	10 mg/m ³	ACGIH
		TWA (total dust)	15 mg/m ³	OSHA Z-1
		TWA (respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA (Total)	15 mg/m ³	OSHA P0
		TWA (Respirable fraction)	5 mg/m ³	OSHA P0
		TWA (Total dust)	15 mg/m ³	OSHA P0
		TWA (respirable dust fraction)	5 mg/m ³	OSHA P0
		PEL (Total dust)	10 mg/m ³	CAL PEL
		PEL (respirable dust fraction)	5 mg/m ³	CAL PEL
Quartz (SiO ₂)	14808-60-7	TWA (Respirable particulate matter)	0.025 mg/m ³	ACGIH
		TWA (total dust)	30 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3
		TWA (Respirable fraction)	0.1 mg/m ³	OSHA P0
		TWA (Respirable dust)	0.05 mg/m ³	OSHA Z-1
		PEL (Respirable dust)	0.05 mg/m ³	CAL PEL
		TWA (respirable dust fraction)	0.1 mg/m ³	OSHA P0

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.
 In case of insufficient ventilation, wear suitable respiratory

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equipment.

Hand protection	
Material	: Nitrile rubber
Remarks	: For prolonged or repeated contact use protective gloves.
Eye protection	: Safety glasses
Protective measures	: No special protective equipment required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: gray
Odor	: sweet
Odor Threshold	: no data available
Melting point/freezing point	: 32 °F
Boiling point/boiling range	: 212 °F
Flash point	: Not applicable
Evaporation rate	: is not determined
Flammability (solid, gas)	: Not classified as a flammability hazard
Upper explosion limit	: Upper flammability limit is not determined
Lower explosion limit	: Lower flammability limit is not determined
Vapor pressure	: is not determined
Relative vapor density	: is not determined
Density	: 11.5 - 12.3 lb/gal
Solubility(ies)	
Water solubility	: dispersible
Partition coefficient: n- octanol/water	: no data available
Autoignition temperature	: is not determined
VOC, less water, in g/l	: 45

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: The product is chemically stable.
Possibility of hazardous	: Hazardous polymerization does not occur.

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reactions
Hazardous decomposition : Stable under normal conditions.
products

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate : > 200 mg/l
Exposure time: 4 Hours
Test atmosphere: dust/mist
Method: Calculation method

Components:**Cellulose:**

Acute inhalation toxicity : LC50 Rat: > 5.800 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

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No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****Paraffin waxes and Hydrocarbon waxes, chloro :**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 0.0109 mg/l
Exposure time: 96 h
Test Method: flow-through test

Persistence and degradability

No data available

Bioaccumulative potential**Components:****Paraffin waxes and Hydrocarbon waxes, chloro :**

Partition coefficient: n- : log Pow: 7.46 - 11.48 (20 °C)
octanol/water pH: 7
GLP: no

Alkanes, C14-17, chloro :

Partition coefficient: n- : log Pow: 4.7 - 8.3GLP: no
octanol/water

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.
The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

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SECTION 14. TRANSPORT INFORMATION**International Regulations****IATA-DGR**

UN/ID No. : UN 3077
Proper shipping name : Environmentally hazardous substance, solid, n.o.s.
(Alkanes, C14-17, Chloro)
Class : 9
Packing group : III
Labels : Miscellaneous,
Packing instruction (cargo : 956
aircraft)
Packing instruction : 956
(passenger aircraft)
Remarks : PACKAGES <5 L NOT REGULATED, IATA 4.4, SP A197

IMDG-Code

UN number : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(Alkanes, C14-17, Chloro)
Class : 9
Subsidiary risk : ENVIRONM.
Packing group : III
Labels : 9 (ENVIRONM.)
EmS Code : F-A, S-F
Marine pollutant : yes
Remarks : PACKAGES <5 L NOT REGULATED, IMDG 3.3 SP 969

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation**49 CFR**

Not regulated as a dangerous good

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION**SARA 311/312 Hazards** : Reproductive toxicity

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SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

US State Regulations

California Prop 65 Please contact Supplier for more information.

The ingredients of this product are reported in the following inventories:

TSCA All substances listed as active on the TSCA inventory

DSL Inventories Legend TSCA (USA), DSL (Canada), REACH(Europe), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

Prepared by: Global Regulatory Office - phone: 1-651-236-5842 - email: msds.request@hbfuller.com

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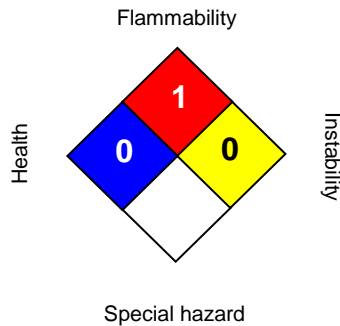
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Further information

NFPA:



HMIS III:

HEALTH	4/
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

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