

SAFETY DATA SHEET**Foster® DUCT-FAS™ 32-19**

Version 1.1

Revision Date 02/10/2023

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Foster® DUCT-FAS™ 32-19
Product code : 100000014627

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

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Potential Health Effects**Carcinogenicity:****IARC**

Group 1: Carcinogenic to humans
During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Quartz (SiO₂) 14808-60-7

cristobalite 14464-46-1

SAFETY DATA SHEET

Foster® DUCT-FAS™ 32-19

Version 1.1

Revision Date 02/10/2023

OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	Known to be human carcinogen During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.
	Quartz (SiO ₂) 14808-60-7
	crystalobalite 14464-46-1

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
Calcium carbonate	471-34-1	20 - 29
kaolin	1332-58-7	10 - 20
Titanium dioxide	13463-67-7	1 - 5
Quartz (SiO ₂)	14808-60-7	0.1 - 1
crystalobalite	14464-46-1	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.
If swallowed	: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
------------------------------	---

SAFETY DATA SHEET

Foster® DUCT-FAS™ 32-19

Version 1.1

Revision Date 02/10/2023

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Calcium carbonate	471-34-1	PEL (Total dust)	10 mg/m ³	CAL PEL
		PEL (respirable)	5 mg/m ³	CAL PEL

SAFETY DATA SHEET
Foster® DUCT-FAS™ 32-19

Version 1.1

Revision Date 02/10/2023

kaolin	1332-58-7	dust fraction) TWA (Respirable particulate matter)	2 mg/m3	ACGIH
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total)	10 mg/m3	OSHA P0
		TWA (Respirable fraction)	5 mg/m3	OSHA P0
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
Titanium dioxide	13463-67-7	TWA	10 mg/m3	ACGIH
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total)	10 mg/m3	OSHA P0
		TWA (Total dust)	10 mg/m3	OSHA P0
Quartz (SiO ₂)	14808-60-7	TWA (Respirable particulate matter)	0.025 mg/m3	ACGIH
		TWA (total dust)	30 mg/m3 / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	10 mg/m3 / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3
		TWA (Respirable fraction)	0.1 mg/m3	OSHA P0
		TWA (Respirable dust)	0.05 mg/m3	OSHA Z-1
		PEL (Respirable dust)	0.05 mg/m3	CAL PEL
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0
crystalite	14464-46-1	TWA (Respirable particulate	0.025 mg/m3	ACGIH

SAFETY DATA SHEET
Foster® DUCT-FAS™ 32-19

Version 1.1

Revision Date 02/10/2023

		matter)		
		TWA (Respirable fraction)	0.05 mg/m3	OSHA P0
		TWA (Respirable dust)	0.05 mg/m3	OSHA Z-1
		PEL (Respirable dust)	0.05 mg/m3	CAL PEL
		TWA (respirable dust fraction)	0.05 mg/m3	OSHA P0

Personal protective equipment

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

SAFETY DATA SHEET**Foster® DUCT-FAS™ 32-19**

Version 1.1

Revision Date 02/10/2023

Vapor pressure	:	is not determined
Relative vapor density	:	is not determined
Density	:	11.3 - 12.1 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	:	24

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	:	The product is chemically stable.
Possibility of hazardous reactions	:	Hazardous polymerization does not occur.
Hazardous decomposition products	:	Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

No data available

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

SAFETY DATA SHEET**Foster® DUCT-FAS™ 32-19**

Version 1.1

Revision Date 02/10/2023

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential**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.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

SAFETY DATA SHEET**Foster® DUCT-FAS™ 32-19**

Version 1.1

Revision Date 02/10/2023

Not regulated as a dangerous good

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

SECTION 15. REGULATORY INFORMATION**SARA 311/312 Hazards** : No SARA Hazards**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**

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

ethylene glycol

107-21-1

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), AIIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECl (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

SAFETY DATA SHEET

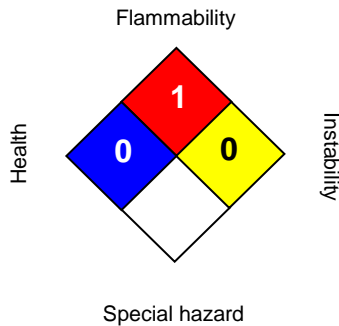
Foster® DUCT-FAS™ 32-19

Version 1.1

Revision Date 02/10/2023

Further information

NFPA:



HMIS III:

HEALTH	0/
FLAMMABILITY	1
PHYSICAL HAZARD	0

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

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to the H.B. Fuller Company from its suppliers, and because the H.B. Fuller Company has no control over the conditions of handling and use, the H.B. Fuller Company makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and the H.B. Fuller Company assumes no responsibility for use or reliance thereon. It is the responsibility of the user of H.B. Fuller Company products to comply with all applicable federal, state and local laws and regulations.