

SAFETY DATA SHEET

Foster® VAPOR-SAFE® 30-90

Version 1.0

Revision Date 12/21/2020

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Foster® VAPOR-SAFE® 30-90
 Product code : 100000014625

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	white
Odor	ammoniacal

GHS Classification

Skin sensitization : Category 1

GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements:

H317 May cause an allergic skin reaction.

Precautionary Statements:

Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves.

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Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P363 Wash contaminated clothing before reuse.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

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

Group 2B: Possibly carcinogenic to humans During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

titanium dioxide 13463-67-7

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.

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 (SiO₂) 14808-60-7

Reasonably anticipated to be a human carcinogen During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Paraffin waxes and
Hydrocarbon waxes, chloro 63449-39-8

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
aluminium hydroxide	21645-51-2	20 - 30

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Wollastonite (Ca(SiO ₃))	13983-17-0	10 - 20
titanium dioxide	13463-67-7	5 - 10
Paraffin waxes and Hydrocarbon waxes, chloro	63449-39-8	5 - 10
Alkanes, chloro	61788-76-9	5 - 10
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	0.1 - 1
tris(nonylphenyl) phosphite	26523-78-4	0.1 - 1
Quartz (SiO ₂)	14808-60-7	0.1 - 1
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	82919-37-7	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.
- 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.
- 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, : Refer to protective measures listed in sections 7 and 8.

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 protective equipment and
 emergency procedures

 Environmental precautions : No special environmental precautions required.
 Prevent product from entering drains.

 Methods and materials for : Soak up with inert absorbent material (e.g. sand, silica gel,
 containment and cleaning up 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 : $\geq 40^{\circ}\text{F}$

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
aluminium hydroxide	21645-51-2	TWA (Respirable particulate matter)	1 mg/m ³	ACGIH
		TWA (Respirable particulate matter)	1 mg/m ³	ACGIH
Wollastonite (Ca(SiO ₃))	13983-17-0	TWA (Inhalable particulate matter)	1 mg/m ³	ACGIH
titanium dioxide	13463-67-7	TWA	10 mg/m ³	ACGIH
		TWA (total dust)	15 mg/m ³	OSHA Z-1
		TWA (Total)	10 mg/m ³	OSHA P0
		TWA (Total dust)	10 mg/m ³	OSHA P0
Quartz (SiO ₂)	14808-60-7	TWA	0.025 mg/m ³	ACGIH

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		(Respirable particulate matter)		
		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 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 : white
 Odor : ammoniacal
 Odor Threshold : No data available
 Melting point/freezing point : 32 °F
 Boiling point/boiling range : 212 °F
 Evaporation rate : is not determined

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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
Relative vapor density	: is not determined
Density	: 11.3 - 11.7 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	: 36

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****Components:****bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate:**

Acute oral toxicity : LD50 Oral Rat: 2,615 mg/kg

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

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Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

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

bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate :

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 0.97 mg/l
Exposure time: 96 h
Test Method: static test

tris(nonylphenyl) phosphite :

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): 10 mg/l
Exposure time: 96 h
Test Method: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.42 mg/l
Exposure time: 48 h
Test Method: static test

Persistence and degradability

No data available

Bioaccumulative potential**Mobility in soil**

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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**Special precautions for user**

Not applicable

Domestic regulation**49 CFR**

Not regulated as a dangerous good

International Regulations**IATA-DGR**

UN/ID No. : 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.)
Packing instruction (cargo aircraft) : 956
Packing instruction (passenger aircraft) : 956

IMDG-Code

UN number : 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.

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(ALKANES, C14-17, CHLORO)

Class	: 9
Subsidiary risk	: ENVIRONM.
Packing group	: III
Labels	: 9 (ENVIRONM.)
EmS Code	: F-A, S-F
Marine pollutant	: no

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

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION**SARA 311/312 Hazards** : Respiratory or skin sensitization**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	All components of this product are on the Canadian DSL
Inventories Legend	TSCA (USA), DSL (Canada), REACH(Europe), AICS (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

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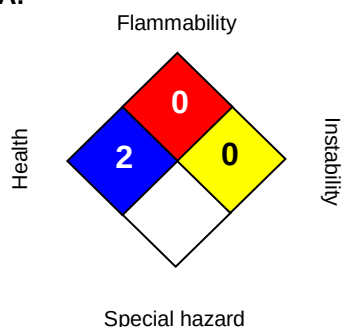
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Prepared by: Global Regulatory Department - phone: 1-651-236-5842 - email: msds.request@hbfuller.com

Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	0
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.