

**SAFETY DATA SHEET****Foster® 90-07**

Version 1.1

Revision Date 01/13/2023

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Foster® 90-07  
Product code : 100000015406

**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      | brown   |
| Odor       | Neutral |

**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 (SiO<sub>2</sub>) 14808-60-7

Group 2B: Possibly carcinogenic to humans During normal handling

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of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Asphalt 8052-42-4

**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<sub>2</sub>) 14808-60-7

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous ingredients**

| Chemical name              | CAS-No.    | Concentration [%] |
|----------------------------|------------|-------------------|
| Asphalt                    | 8052-42-4  | 30 - 50           |
| Cellulose                  | 9004-34-6  | 1 - 5             |
| Quartz (SiO <sub>2</sub> ) | 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.
- 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 : none

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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 :  $\geq 40$  °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     |
|------------|-----------|------------------------------------|--|-----------|
| Asphalt    | 8052-42-4 | TWA (Inhalable particulate matter) | 0.5 mg/m <sup>3</sup>                          | ACGIH     |
|            |           | C (Fumes)                          | 5 mg/m <sup>3</sup>                            | NIOSH REL |

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|                            |            |                                     |   |           |
|----------------------------|------------|-------------------------------------|---|-----------|
|                            |            | TWA (Fume, inhalable fraction)      | 0.5 mg/m <sup>3</sup>                       | ACGIH     |
|                            |            | C (Fumes)                           | 5 mg/m <sup>3</sup>                         | NIOSH REL |
|                            |            | PEL (Fumes)                         | 5 mg/m <sup>3</sup>                         | CAL PEL   |
| Cellulose                  | 9004-34-6  | TWA                                 | 10 mg/m <sup>3</sup>                        | ACGIH     |
|                            |            | TWA (total dust)                    | 15 mg/m <sup>3</sup>                        | OSHA Z-1  |
|                            |            | TWA (respirable fraction)           | 5 mg/m <sup>3</sup>                         | OSHA Z-1  |
|                            |            | TWA (Total)                         | 15 mg/m <sup>3</sup>                        | OSHA P0   |
|                            |            | TWA (Respirable fraction)           | 5 mg/m <sup>3</sup>                         | OSHA P0   |
|                            |            | TWA (Total dust)                    | 15 mg/m <sup>3</sup>                        | OSHA P0   |
|                            |            | TWA (respirable dust fraction)      | 5 mg/m <sup>3</sup>                         | OSHA P0   |
|                            |            | PEL (Total dust)                    | 10 mg/m <sup>3</sup>                        | CAL PEL   |
|                            |            | PEL (respirable dust fraction)      | 5 mg/m <sup>3</sup>                         | CAL PEL   |
| Quartz (SiO <sub>2</sub> ) | 14808-60-7 | TWA (Respirable particulate matter) | 0.025 mg/m <sup>3</sup>                     | ACGIH     |
|                            |            | TWA (total dust)                    | 30 mg/m <sup>3</sup> / %SiO <sub>2</sub> +2 | OSHA Z-3  |
|                            |            | TWA (respirable)                    | 10 mg/m <sup>3</sup> / %SiO <sub>2</sub> +2 | OSHA Z-3  |
|                            |            | TWA (respirable)                    | 250 mppcf / %SiO <sub>2</sub> +5            | OSHA Z-3  |
|                            |            | TWA (Respirable fraction)           | 0.1 mg/m <sup>3</sup>                       | OSHA P0   |
|                            |            | TWA (Respirable dust)               | 0.05 mg/m <sup>3</sup>                      | OSHA Z-1  |
|                            |            | PEL (Respirable dust)               | 0.05 mg/m <sup>3</sup>                      | CAL PEL   |
|                            |            | TWA (respirable dust fraction)      | 0.1 mg/m <sup>3</sup>                       | OSHA P0   |

**Personal protective equipment**

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|                        |  |
|------------------------|--|
| Respiratory protection | : No personal respiratory protective equipment normally required.<br>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.  |

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|  |   |
|--|---|
| Appearance                             | : liquid  |
| Color                                  | : brown   |
| Odor                                   | : Neutral                                       |
| 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<br>is not determined |
| Lower explosion limit                  | : Lower flammability limit<br>is not determined |
| Vapor pressure                         | : is not determined                             |
| Relative vapor density                 | : is not determined                             |
| Density                                | : 0.9 - 1.1 g/cm <sup>3</sup>                   |
| Solubility(ies)                        |   |
| Water solubility                       | : dispersible                                   |
| Partition coefficient: n-octanol/water | : no data available                             |
| Autoignition temperature               | : is not determined                             |

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**SECTION 10. STABILITY AND REACTIVITY**

|                    |                                     |
|--------------------|-------------------------------------|
| Chemical stability | : The product is chemically stable. |
|--------------------|-------------------------------------|

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Possibility of hazardous reactions : Hazardous polymerization does not occur.  
Hazardous decomposition products : Stable under normal conditions.

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

Acute inhalation toxicity : Acute toxicity estimate : 135.66 mg/l  
Exposure time: 4 h  
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**

No data available

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**Aspiration toxicity**No data available

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**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

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**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****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

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**

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**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**

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:****TCSI** On the inventory, or in compliance with the inventory**TSCA** All substances listed as active on the TSCA inventory**AIIC** On the inventory, or in compliance with the inventory**DSL** All components of this product are on the Canadian DSL**KECI** On the inventory, or in compliance with the inventory**PICCS** On the inventory, or in compliance with the inventory**IECSC** On the inventory, or in compliance with the inventory**NZIoC** On the inventory, or in compliance with the inventory**Inventories Legend** TSCA (USA), DSL (Canada), REACH(Europe), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)



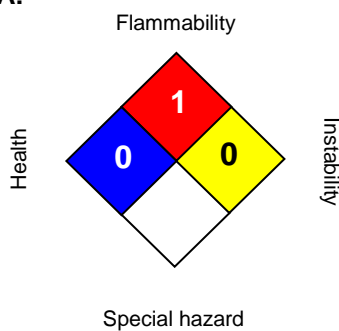
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**SECTION 16. OTHER INFORMATION**

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

**Further information**
**NFPA:**

**HMIS III:**

|                        |           |
|------------------------|-----------|
| <b>HEALTH</b>          | <b>0/</b> |
| <b>FLAMMABILITY</b>    | <b>1</b>  |
| <b>PHYSICAL HAZARD</b> | <b>0</b>  |

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

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