

## SAFETY DATA SHEET

### Foster® ECLIPSE® 40-11

Version 1.1

Revision Date 05/24/2021

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Foster® ECLIPSE® 40-11  
Product code : 100000015007

##### 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	black
Odor	sweet

##### GHS Classification

Skin sensitization : Category 1

Reproductive toxicity : Category 2

##### GHS label elements

Hazard pictograms :



Signal Word : Warning

##### Hazard Statements:

H317 May cause an allergic skin reaction. H361 Suspected of damaging fertility or the unborn child.

##### Precautionary Statements:

**SAFETY DATA SHEET****Foster® ECLIPSE® 40-11**

Version 1.1

Revision Date 05/24/2021

**Prevention:** P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. 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/ protective clothing/ eye protection/ face protection.

**Response:** P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P363 Wash contaminated clothing before reuse.

**Storage:** P405 Store locked up.

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

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

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**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**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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

Substance / Mixture : Mixture

**Hazardous ingredients**

Chemical name	CAS-No.	Concentration [%]
aluminium hydroxide	21645-51-2	10 - 20
barium diboron tetraoxide	13701-59-2	5 - 10
zinc oxide	1314-13-2	1 - 5
Phenol, isopropylated, phosphate (3:1)	68937-41-7	1 - 5
3-iodo-2-propynyl butylcarbamate	55406-53-6	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.

**SAFETY DATA SHEET****Foster® ECLIPSE® 40-11**

Version 1.1

Revision Date 05/24/2021

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, 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

**SAFETY DATA SHEET**
**Foster® ECLIPSE® 40-11**

Version 1.1

Revision Date 05/24/2021

**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 <sup>3</sup>	ACGIH
		TWA (Respirable particulate matter)	1 mg/m <sup>3</sup>	ACGIH
barium diboron tetraoxide	13701-59-2	TWA	0.5 mg/m <sup>3</sup>	OSHA Z-1
		TWA	0.5 mg/m <sup>3</sup>	ACGIH
		TWA	0.5 mg/m <sup>3</sup>	OSHA P0
		TWA	0.5 mg/m <sup>3</sup>	OSHA Z-1
		TWA	0.5 mg/m <sup>3</sup>	ACGIH
		TWA	0.5 mg/m <sup>3</sup>	OSHA P0
		TWA	0.5 mg/m <sup>3</sup>	NIOSH REL
zinc oxide	1314-13-2	TWA (Respirable particulate matter)	2 mg/m <sup>3</sup>	ACGIH
		STEL (Respirable particulate matter)	10 mg/m <sup>3</sup>	ACGIH
		TWA (Fumes)	5 mg/m <sup>3</sup>	OSHA Z-1
		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)	10 mg/m <sup>3</sup>	OSHA P0
		TWA (Respirable fraction)	5 mg/m <sup>3</sup>	OSHA P0
		TWA	5 mg/m <sup>3</sup>	OSHA P0
		STEL	10 mg/m <sup>3</sup>	OSHA P0
		TWA (Total dust)	10 mg/m <sup>3</sup>	OSHA P0
		TWA (respirable dust fraction)	5 mg/m <sup>3</sup>	OSHA P0

**SAFETY DATA SHEET**
**Foster® ECLIPSE® 40-11**

Version 1.1

Revision Date 05/24/2021

		TWA (Fumes)	5 mg/m3	OSHA P0
		STEL (Fumes)	10 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 : black  
 Odor : sweet  
 Odor Threshold : No data available  
 pH : 8.9 - 9.9  
 Melting point/freezing point : 32 °F  
 Boiling point/boiling range : 212 °F  
 Flash point : 24 °C Method: Pensky-Martens closed cup  
 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 : 10.7 - 11.3 lb/gal

Solubility(ies)

Water solubility : dispersible

Partition coefficient: n- : No data available

**SAFETY DATA SHEET****Foster® ECLIPSE® 40-11**

Version 1.1

Revision Date 05/24/2021

octanol/water

Autoignition temperature : is not determined

VOC, less water, in g/l : 39

**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****Product:**Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation methodAcute inhalation toxicity : Acute toxicity estimate : 172.14 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: Calculation method**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

**SAFETY DATA SHEET****Foster® ECLIPSE® 40-11**

Version 1.1

Revision Date 05/24/2021

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration toxicity**

No data available

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****Phenol, isopropylated, phosphate (3:1) :**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 1.15 mg/l  
Exposure time: 96 h  
Test Method: semi-static test

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 14 mg/l  
aquatic invertebrates : Exposure time: 48 h  
Test Method: static test

**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.

**SAFETY DATA SHEET****Foster® ECLIPSE® 40-11**

Version 1.1

Revision Date 05/24/2021

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

UN/ID No. : UN 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
(ZINC OXIDE)  
Class : 9  
Packing group : III  
Labels : Miscellaneous  
Packing instruction (cargo aircraft) : 964  
Packing instruction (passenger aircraft) : 964

**IMDG-Code**

UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S.  
(ZINC OXIDE)  
Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Marine pollutant : yes

**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** : Respiratory or skin sensitization  
Reproductive toxicity



**SAFETY DATA SHEET****Foster® ECLIPSE® 40-11**

Version 1.1

Revision Date 05/24/2021

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

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

barium diboron tetraoxide	13701-59-2
zinc oxide	1314-13-2
150	Not Assigned

**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:**

<b>TSCA</b>	All substances listed as active on the TSCA inventory
<b>DSL</b>	All components of this product are on the Canadian DSL
<b>AIIC</b>	On the inventory, or in compliance with the inventory
<b>ENCS</b>	On the inventory, or in compliance with the inventory
<b>KECI</b>	On the inventory, or in compliance with the inventory
<b>IECSC</b>	On the inventory, or in compliance with the inventory

**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**

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

## SAFETY DATA SHEET

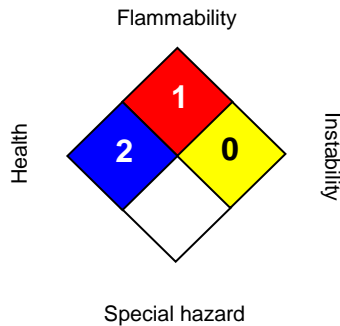
### Foster® ECLIPSE® 40-11

Version 1.1

Revision Date 05/24/2021

#### Further information

##### NFPA:



##### HMIS III:

<b>HEALTH</b>	<b>2*</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

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.