

BlockShield™ SA

Issue Date 2021.10.18

Revision Date:

Revision Number 1.0

**SECTION 1 – PRODUCT IDENTIFICATION**

**Product Identifier**

**Product Name:** BlockShield™ SA  
BlockFlashing

**Other means of identification**

**Other Names/Synonyms:** Part No.: BlockShield SA; 29.5"W 37503400, 50"W 37509000,  
BlockFlashing; 6.5"W 42505000, 11.75"W 42505500, 14.75"W 42507000

**Recommended use of the chemical and restrictions on use**

**Recommended use:** Restricted to professional users as a vapor impermeable water resistance barrier air barrier (WRB/AB) for use in building construction.

**Uses advised against:** No information available

**Details of the supplier of the safety data sheet**

**Supplier Address:** VAPROSHIELD, LLC  
915 26<sup>TH</sup> Ave. NW, #C-5  
Gig Harbor, WA 9335  
866-731-7663

**Emergency telephone number**

**Product Information:** 8:00 AM – 5:00 PM PST Monday-Friday 1-866-731-7663

**24 hour Emergency Contact:** 24/7 CHEMTREC: 1-800-424-9300 or 1-703-527-3887

**SECTION 2 – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** This product has no known adverse effect on human health

**Classification:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitivity	Category 0
Serious eye damage/eye irritation	Category 0
Reproductive toxicity	Category 0

**Label Elements**

**EMERGENCY OVERVIEW:**

**Hazard statements**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.  
Additives in this product do not present a respiration hazard unless the product is ground into a respirable size power and the dust inhaled.  
All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled.  
Dust may form an explosive mixture in the air.

**Appearance:** White Sheet

**Physical state:** Solid Sheet membrane

**Odor:** Slight

**PRECAUTIONARY STATEMENTS:**

The use personal protective equipment in not required; Avoid breathing if respirable particles are generated

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**RESPONSE:** Not applicable

**STORAGE:** Not applicable

**DISPOSAL:** Dispose of contents to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

**Other Information**

Not applicable

**PHYSICAL DESCRIPTION:** This product is bonded polymer sheets of moisture resistant polypropylene.

**HEALTH HAZARDS:** This product does not present a respiration hazard unless ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled. Dust may form explosive mixture in air.

**FLAMMABILITY HAZARD:** This product has a class A fire rating.

**REACTIVITY HAZARD:** This product is not reactive.

**ENVIRONMENTAL HAZARD:** This product has not been tested for environmental impact.

<b>Health</b>	<b>0</b>
<b>Flammability</b>	<b>1</b>
<b>Physical Hazard</b>	<b>0</b>

0 = Minimal  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe  
\* = Chronic

### SECTION 3 – COMPOSITION/INFORMATION

Component	CAS-No.	Weight - %
Polypropylene	9003-07-0	>90%
Additives	Proprietary	<10%

### SECTION 4 – FIRST AID MEASURES

**Emergency Overview:** This product does not present a respiration hazard unless the product is ground to a powder of respirable size and inhaled as dust.

**INHALATION:** If dusts of this material are inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions.

**SKIN EXPOSURE:** Generally the product is not a skin irritant.

**EYE EXPOSURE:** Generally the product is not a skin irritant.

**INGESTION:** In the case of an ongoing complaint consult a doctor.

### SECTION 5 – FIRE-FIGHTING MEASURES

Flash point: Not Applicable

Auto ignition temperature: 330 - 350 °C (626 - 662 °F)

Fire and Explosion Hazard: Burning is accompanied by melting and dripping which may cause the fire to spread.

Hazardous combustion products: Nitrogen Oxide, Carbon Monoxide, Carbon Dioxide.

Firefighting Instructions: Wear self-contained breathing apparatus and protective suit. Use extinguishing measures that are appropriate for any surrounding fires.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**NOTE:** Use appropriate personal protective equipment as needed during clean-up.

**Spill Cleanup:** Not Applicable  
**Handling:** Minimize the generation and accumulation of dust.

### SECTION 7 – HANDLING AND STORAGE

**Handling:** Material can create slippery conditions.  
**Storage:** No special conditions.

### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal Protection Equipment**

Respiratory Protection: Respiratory protection should not be required under normal use and handling. When workers are facing dust concentrations above the exposure limit they must use appropriate certified respirators.

**Exposure Guidelines**

Exposure Limit Values

Chemical Name	PEL (OSHA)	TLV (ACGIA)
Polypropylene Dust (inhalable and respirable fraction)	5 mg/m <sup>3</sup> 8 hr. TWA Respirable fraction 15 mg/m <sup>3</sup> hr. TWA Total dust	3 mg/m <sup>3</sup> 8 hr. TWA Respirable particles 10 mg/m <sup>3</sup> 8 hr. TWA Inhalable particles

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Sheets roll  
**Color:** White  
**Odor:** None  
**Melting point/range:** 130 - 170 °C (266 - 338 °F)  
**Auto ignition temperature:** The product is not self-flammable

### SECTION 10 – STABILITY AND REACTIVITY

**Hazardous decomposition products:**

Carbon monoxide, Carbon dioxide, hydrogen bromide, hydrocarbons and other possible toxic combustion products.

### SECTION 11 – TOXICOLOGY INFORMATION

Oral LD50: > 7,000 mg/kg (rat)  
Skin Irritation: non-irritant  
Eye Irritation: non-irritant  
Skin Sensitization: not a skin sensitizer  
Further Information: The product is a polymer and has no known adverse effect on human health.

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**SECTION 12 – ECOLOGICAL INFORMATION**

**Additional Ecological Information:**

In general this product is not dangerous to water, do not disperse in the environment. This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (VPvB) at levels of 0.1% or higher.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**Waste Disposal:**

The polypropylene is 100% recyclable. Recycling is preferred to disposal or incineration. Can be landfilled or incinerated in compliance with Federal, State and Local regulations.

**SECTION 14 – TRANSPORTATION INFORMATION**

**DOT**

Not regulated.

**Not classified as dangerous for transport regulations.**

**SECTION 15 – REGULATORY INFORMATION**

**SARA section 313:**

This product contains no known chemical components that exceed the threshold reporting levels established by SARA Title III, Section 313.

**California Prop. 65:**

This product does not contain chemicals known to the State of California to cause cancer, birth defects or any other harm.

**SECTION 16 – OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards: 0</b>	<b>Flammability: 0</b>	<b>Instability: 0</b>	<b>Physical / chemical Hazard: -</b>
<b><u>HMIS</u></b>	<b>Health hazards: 0</b>	<b>Flammability: 0</b>	<b>Physical hazards: 0</b>	<b>Personal protection: -</b>

**Prepared By**  
**Issuing Date**

Regulatory Department  
21-October-2021

**Disclaimer**

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**End of Safety Data Sheet**