

VaproSmart ICL

Issue Date 2026.06.10

Revision Date:

Revision Number 1.0

**SECTION 1 – PRODUCT IDENTIFICATION**

Product Identifier

Product Name: VaproSmart ICL

Other means of identification

Other Names/Synonyms: Part No. 55879556 / 55879000

Recommended use of the chemical and restrictions on use

Recommended use: Restricted to professional users as a smart vapor retarder air barrier 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 powder 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:** Transparent white Sheet  
None

**Physical state:** Solid Sheet membrane

**Odor:**

PRECAUTIONARY STATEMENTS:

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

**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

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**PHYSICAL DESCRIPTION:** This product is bonded polymer sheets of spun bonded 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      3 = Serious  
1 = Slight        4 = Severe  
2 = Moderate    \* = Chronic

### SECTION 3 – COMPOSITION/INFORMATION

Component	CAS-No.	Weight - %
Polyamide	63428-83-1	>99%
Additives	Proprietary	<1%

### 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: Not known

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.

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### SECTION 7 – HANDLING AND STORAGE

**Handling:** Material can create slippery conditions.

**Storage:** No special conditions.  
Keep away from sunshine.  
Keep away from sources of ignition – do not smoke.

### 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 concentrations above the exposure limit they must use appropriate certified respirators.

#### Exposure Guidelines

##### Exposure Limit Values

Chemical Name	PEL (OSHA)	TLV (ACGIA)
Polypropylene	5 mg/m <sup>3</sup> 8 hr. TWA Respirable fraction 15 mg/m <sup>3</sup> 8 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:** Transparent white, green print

**Odor:** None

**Melting point/range:** unspecified (multi-solid composition)

**Auto ignition temperature:** The product is not self-inflammable

### 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 polyamide portion 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

NEPA Health hazards: 0

Flammability: 0

Instability: 0

Physical / chemical Hazard: -

HMIS Health hazards: 0

Flammability: 0

Physical hazards: 0

Personal protection: -

Prepared By  
Issuing Date

Regulatory Department  
10-June-2026

#### Disclaimer

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End of Safety Data Sheet