ISI BUILDING PRODUCTS®
401 TRUCK HAVEN ROAD EAST PEORIA ILLINOIS 61611 — PHONE: 866.698.6562 — FAX: 309.698.0065

Safety Data Sheet

Section 1 – Product and Company Identification	
Manufacturer:	ISI Building Products
Address:	401 Truck Haven Road, East Peoria, Illinois 61611
Emergency Phone:	309-698-0062
Date Prepared:	May 8, 2018
Product Name:	**Viper® VaporCheck® II Vapor Barriers and Retarders**

Section 2 – Hazards Identification	
Viper® VaporCheck® II products are classified as non-hazardous. They are considered an “Article” as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200 (c) and do not pose a physical hazard or health risk to employees.	
Eye:	If this material is heated, thermal burns may result from eye contact..
Skin:	If this material is heated, thermal burns may result from skin contact. Contact with the skin is not expected to cause prolonged or significant irritation. Contact with the skin is not expected to cause an allergic skin response.
Ingestion:	Not expected to be harmful if swallowed.
Inhalation:	If this material is heated, fumes may be unpleasant and produce nausea and irritation of the upper respiratory tract.
Other Hazards:	No additional information is available.
Classification:	No need for classification according to GHS criteria for this product.
Label Elements:	This product does not require a hazard warning label in accordance with GHS criteria.

Section 3 – Composition Information on Ingredients		
Chemical Family:	Polyolefin	
Component:	**CAS Number(s):**	**Amount:**
Polyethylene	25213-02-9	<100% weight
Additives	Various	<4% weight

Section 4 – First Aid Measures	
This product, in plastic sheet form, is not expected to cause adverse health effects under normal handling and storage conditions.	
Eye:	If heated material should splash into eyes, flush eyes immediately with fresh water for 15 minutes while holding the eyelids open. Remove contact lenses if worn. Get immediate medical attention.
Skin:	If heated material gets on skin, quickly cool in water. See a doctor for extensive burns. Do not try to peel the solidified material from skin or use solvents or thinners to dissolve it. The use of vegetable oil, mineral oil or petroleum jelly is recommended for removal of material from the skin.
Ingestion:	Not expected to be harmful if swallowed. May cause choking.
Inhalation:	If this material is heated, fumes may be unpleasant and produce nausea and irritation of the upper respiratory tract. Move the exposed person to fresh air. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue.

Section 5 – Fire Fighting Measures			
Fire Classification:	OSHA Classification (29 CFR 1910.1200):		Not Classified by OSHA as flammable or combustible.
NFPA Ratings:	Health: 1	Flammability: 1	Reactivity: 1
Flammable Properties:	Flashpoint: 340°C (644°F)	Autoignition: 380°C (716°F)	
Flammability (Explosive) Limits (% by volume in air):		Lower: N/A	Upper: N/A
Extinguishing Media:	Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.		
Fire Fighting Procedures:	If possible, water should be applied as a spray from a fogging nozzle. The application of high velocity water will spread the burning surface layer.		
Combustion Products:	Incomplete combustion can also produce formaldehyde. Normal combustion forms carbon dioxide, water vapor and may produce carbon monoxide, original monomer, other hydrocarbons and hydrocarbon oxidation products, depending on temperature and air availability.		

Section 6 – Accidental Release Measures	
Protective Measures:	This material should not be stored or exposed to heat and sources of ignition. A static charge may be present on finished product.
Spill Management:	Non-applicable in solid form. If heated material is spilled, allow it to cool before proceeding with disposal methods. Dispose of in a manner consistent with applicable regulations.

Section 7 – Handling and Storage	
General Storage Information:	Do not use or store near heat, sparks or open flames. Alway store in a dry location. Take measures to prevent the build of electrostatic charge.

Section 8 – Exposure Controls/Personal Protection	
This product, in plastic sheet form, is not expected to cause adverse health effects under normal handling and storage conditions.	
Eye/Face Protection:	Eye protection should not be necessary.
Skin Protection:	Skin protection should not be necessary.
Hand Protection:	Chemical protective gloves should not be needed when handling this material.
Respiratory Protection:	Respiratory protection should not be necessary.
Ingestion:	No precautions necessary due to the physical properties of the material.
Ventillation:	Normal.

Section 9 – Physical/Chemical Properties		
Appearance and Odor:	Blue, Grey, Black odorless plastic sheet.	
Autoignition:	380°C (716°F)	
Boiling Point:	N/A	
Density:	0.91 g/cm^3 to 0.97 g/cm^3	
Evaporation Rate:	N/A	
Flammability (Explosive) Limits (% by volume in air):	Lower: N/A	Upper: N/A
Flashpoint:	340°C (644°F)	
Molecular Formula:	Mixture	
Molecular Weight:	NDA	
Melting Point	100°C (212°F) to 135°C (275°F)	
Octanol/Water Partition Coefficient: log-Kow:	NDA	
pH:	N/A	
Pout Point:	NDA	
Solubility (in water):	Negligible	
Specific Gravity:	0.91 to 1.02	
Vapor Pressure:	N/A	
Vapor Density (AIR=1):	N/A	
Viscosity:	N/A	
Percent Volatile:	NDA	

Section 10 – Stability and Reactivity

Chemical Stability:	This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to Avoid:	N/A
Incompatibility with Other Materials:	N/ May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Hazardous Decomposition Products:	Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing.
Hazardous Polymerization:	Hazardous polymerization will not occur.

Section 11 – Toxicology Information

This product contains polymerized olefins. During the thermal processing (>350°F, >177°C) polyolefins can release vapors and gases (aldehydes, ketones and organic acids), which are irritating to the mucous membranes of the eyes, mouth, throat and lungs.

Section 12 – Ecological Information

Ecological Information:	N/A

Section 13 – Disposal Considerations

Dispose in accordance with all applicable local and national regulations.

Section 14 – Transportation Information

Hazardous Material Proper Shipping Name:	Not regulated by DOT.
Special Handling or Shipping Precautions:	None required.
Hazard Class:	Non-Hazardous.
UN Identification Number:	None.

Section 15 – Regulatory Information

NFPA RATINGS	Health: 0	Flammability: 1	Reactivity: 0	Special: N/A
(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE: Personal Protection Equipment Index recommendation, Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA).				

Section 16 – Other Information	
Preparation Date:	5-8-2018
This safety data sheet will supersede any previously received as it contains the most up to date information.	

To the best of our knowledge, the information contained herein is accurate. It is obtained from sources such as raw material suppliers and is believed to be true; however, we make no warranties, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.