

## Safety Data Sheet (SDS) Ethylene-Vinyl-Acetate (EVA)

### SECTION 1: PRODUCT AND COMPANY INFORMATION

**Distributed by:** Vepo 76 Burton St, Painesville OH 44077 Phone: 440-709-8349 Website: www.VepoCo.com

**Product Family:** All Colors, Thicknesses and Desities

**Trade Names:** Vcell, OrthoDek

**Other Means of Identification:** CAS # 24937-78-8

**Recommended Uses:** Non-slip flooring

**Emergency Phone Number**  
**MatPlus (440) 709-8349 (M-F 8:00 AM – 5:00 PM)**

### SECTION 2: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW			
<b>GHS CLASSIFICATION</b>	Non-hazardous	<b>HMIS</b>	
<b>Physical State</b>	Solid	<b>HEALTH</b>	1
<b>Color</b>	Several	<b>FLAMMABILITY</b>	1
<b>Odor</b>	Mild	<b>PHYSICAL HAZARD</b>	0
<b>GHS Signal Word</b>	<b>WARNING</b>	<b>PERSONAL PROTECTION</b>	See Section 8
<b>GHS Phrase</b>	<b>Inhalation of fumes from heated product may cause respiratory tract irritation</b>		

**Primary Routes of Exposure** Eyes or skin contact

#### Potential Health Effects

**Inhalation** Health injuries not expected. Not a probable route of exposure under ordinary conditions.  
**Skin contact** Health injuries not expected. Possible mechanical irritation.  
**Eye contact** Health injuries not expected. Possible mechanical irritation from dust or powder.  
**Ingestion** Health injuries not expected. Not a probable route of exposure.

**Other Health Effects** See Section 11 for more information



### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<b>Component:</b>	<b>CAS Number:</b>	<b>Percentage:</b>
Ethylene vinyl acetate polymer	24937-78-8	100 (+/-)
Vinyl acetate monomer	203-545-4	< 0.1%

### SECTION 4: FIRST AID MEASURES

**Skin Contact:** If in contact with solid material, wash with soap and water. If in contact with molten material, submerge injured area in cold water. Do not attempt to remove material adhering to the skin. Get medical attention if irritation develops or persists.  
**Eye Contact:** Flush eyes with plenty of water. Get medical attention if irritation develops or persists.  
**Inhalation:** This material is not likely to be hazardous by inhalation. Consult a physician if symptoms develop or persist.  
**Ingestion:** Not a probable route of exposure.

### SECTION 5: FIRE FIGHTING MEASURES

Use water fog, dry chemical, carbon dioxide or foam as appropriate for materials in surrounding fire. Avoid using direct streams of water on molten burning material as it may scatter and spread the fire. Melts in proximity to fires resulting in slippery floors and stairs. Airborne dusts of this product in an enclosed space and in the presence of an ignition source may constitute an explosion hazard. See NFPA Bulletin 654, "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing Processing, and Handling of Combustible Particulate Solids," for safe handling procedures. Wear approved positive pressure self-contained breathing apparatus and full protective clothing. Watch footing on floors and stairs because of possible spreading of molten material.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Refer to Section 8: Exposure Control and Personal Protection

### Emergency Action:

No special environmental precautions required.

### Spill/Leak Procedure:

Containment of this material should not be necessary. Sweep up or gather material for disposal.

## SECTION 7: HANDLING AND STORAGE

Refer to Section 8: Exposure Control and Personal Protection

**Handling:** Keep away from heat, flame and strong oxidizing agents.

**Storage:** Keep away from heat, sparks, and flame. Store in a cool place and protect from sunlight.

## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

### Engineering Controls:

Use recommended safe handling practices to minimize unnecessary exposure. General room ventilation is adequate for storage and ordinary handling. When needed use local exhaust at points of excessive fume generation or dusty conditions.

### Personal Protective Equipment:

Wear safety glasses with side shields to prevent eye contact. Have eye-washing facilities readily available where eye contact can occur. It is recommended to wear contact lenses behind safety glasses when working with this substance. Wear impervious gloves and protective clothing to prevent skin contact.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	Not applicable	<b>Vapor Density (Air = 1):</b>	Not determined
<b>Specific Gravity (@ 60°F):</b>	0.92 – 0.93	<b>Soluble (% in Water):</b>	Negligible
<b>Melting/Freezing Point):</b>	167 – 216 °F / 72 – 102 °C	<b>Appearance:</b>	Colored solid
<b>Evaporation Rate:</b>	Negligible	<b>Odor:</b>	Mild
<b>Vapor Pressure:</b>	Not determined	<b>pH:</b>	Not applicable
<b>Odor Threshold:</b>	Not determined	<b>Auto Ignition Temperature:</b>	Not applicable
<b>Partition Coefficient (n-octanol/water):</b>	Not determined	<b>Viscosity (SUS @ 100°F):</b>	Not applicable
<b>Decomposition Temperature:</b>	Not determined	<b>Flash Point:</b>	>515 °F / >270 °C
<b>Ventilation: Flammability Limits in Air (% by Volume)</b>		<b>Lower:</b> Not applicable	<b>Upper:</b> Not applicable

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions of storage and use.

**Chemical Stability:** Stable under normal conditions of storage and use. Avoid exposure to open flame or exceeding recommended processing conditions.

**Stability/Incompatibility:** Avoid contact with strong oxidizers, strong acids or flammable materials.

**Conditions to Avoid:** Avoid dust buildup. Avoid contact with incompatible materials such as oxidizing agents or amines.

### Hazardous Reactions/Decomposition Products:

Material does not decompose at ambient temperatures. Combustion or high heat may produce thermal decomposition products that may include carbon monoxide, carbon dioxide, dense smoke, and other toxic vapors.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Eyes and skin contact.

**Acute Effects:** Mechanical Irritation of eyes and skin.

**Possible Symptoms:** Irritation of eyes or skin.

**Chronic Effects:** None known.

**Carcinogenicity:** This product has not been found to be carcinogenic.

### Further information

This product has no known adverse effect on human health.

Oral Toxicity LD50 Not Available

Inhalation Toxicity LD50 Not Available.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	No known or expected ecotoxicity
<b>Persistence and Biodegradability:</b>	Not determined.
<b>Bioaccumulative Potential:</b>	Not determined.
<b>Mobility in Soil:</b>	Not determined

**SECTION 13: DISPOSAL CONSIDERATION**

Dispose of this product in compliance with all applicable federal, state and local regulations. The unused product is not specifically listed by EPA as a hazardous waste, nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants.

**SECTION 14: TRANSPORT INFORMATION**

Refer to Section 6: Accidental Release Measures

<b>D.O.T. 49 CFR 172.101:</b>	Not regulated
<b>TDG:</b>	Not regulated
<b>UN Proper Shipping Name/Number:</b>	Not regulated
<b>IMDG:</b>	Not regulated
<b>IATA:</b>	Not regulated

**SECTION 15: REGULATORY INFORMATION**

**SARA TITLE III Information:**

Hazard categories for the Superfund Amendments and Reauthorization Act (SARA):

**Immediate Hazard:** No      **Delayed Hazard:** No      **Fire Hazard:** No      **Pressure Hazard:** No      **Reactivity Hazard:** No

**SECTION 16: OTHER INFORMATION**

**Notice:**

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet; however, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. In addition, no responsibility can be assumed by distributor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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