

## Material Safety Data Sheet

### ThoroShield 10 to 40 oz/sy Vinyl Coated Polyester

#### Section I – Chemical Product Identification

**Product** VCP-(color)

**Description** ThoroShield 10 to 40 oz/sy Vinyl Coated Polyester

**Chemical Name and Family** PVC Plastisol Compound

**Chemical Family** Polyvinyl Chloride & Plasticizer, etc.

**Formula**  $(CH_2 - CHCl)_n$  &  $C_6H_4 (COOC_9H_{19})_2$

#### Section II – Composition / Information on Ingredients

Hazardous Components	CAS #	OSHA PEL TLV – TWA	ACGIH Product	Amount in oz./yd <sup>2</sup>
(common name)	none	none	none	none

#### Section III – Hazardous Identification

**Threshold Limit Value** N/A

**Permissible Exposure Limits** N/A

**Effects of Overexposure** N/A

#### Section IV – First Aid Measures

**Emergency and First Aid Procedures** Wash thoroughly with soap and water.

#### Section V – Fire Fighting Measures

**Flash Point** N/A      **Explosive Limits** N/A    **LEL** N/A    **UEL** N/A

**Extinguishing Media** Foam, steam, CO<sub>2</sub>, dry chemical, water, fog

**Special Fire Fighting Procedures** Use self contained breathing apparatus and full protective equipment all fires produce toxic gases.

**Unusual Fire and Explosion Hazards** Decomposition products include hydrogen chloride gas.

## Section VI – Accidental Release Measures

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**Steps to be Taken in Case Material is Released or Spilled** N/A Material is a solid.

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## Section VII- Handling and Storage

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**Precautions to be Taken in Handling and Storage** Store in a cool dry place.

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## Section VIII – Exposure Controls / Personal Protection

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**Respiratory Protection (specific type)** Personal respiratory equipment is not required during normal use.

### Ventilation

- **Local Exhaust** : For storage or normal use.
- **Mechanical** N/A
- **Special** N/A
- **Other** N/A

**Protective Gloves** Require

**Eye Protection** Recommended

**Other Protective Equipment** Usual Protection

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## Section IX – Physical and Chemical Properties

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**Physical State** Solid

**Boiling Point** N/A

**Melting Point** N/A

**Vapor Pressure (mm Hg)** N/A

**Vapor Density (Air = 1)** N/A

**Specific Gravity (H<sub>2</sub>O = 1)** N/A

**Percent Volatile by Volume (%)** N/A

**Evaporation Rate (H<sub>2</sub>O = 1)** N/A

**Solubility in Water** Insoluble

**Appearance and Odor** Multiple colors, vinyl coated nylon with mild odor.

**Heat Value** N/A

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## Section X – Stability and Reactivity

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**Stability** Stable

**Incompatibility (Materials to Avoid)** None Known

**Hazardous Decomposition Products** CO<sub>2</sub>, CO, Various Hydro Carbon Fragment

**Hazardous Polymerization** Will not occur

**Conditions to Avoid** N/A

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### **Section XI – Toxicological Information**

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**Carcinogen** No    **NTP** No    **IARC** No    **OSHA** No  
**Primary Route(s) of Exposure**    **Eyes** No    **Skin** No    **Inhalation** Yes

**Eye Contact**                      Not Applicable  
**Skin Contact**                      Wash with water after handling  
**Inhalation**                          Not Applicable  
**Ingestion**                            Not Applicable

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### **Section XII – Ecological Information**

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No information is available at this time.

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### **Section XIII – Disposal Consideration**

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**Waste Disposal Method**        Disposal of this product can occur only in properly permitted  
f    acilities. Check Federal, State, and Local laws for disposal  
of    this product.

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### **Section XIV – Transportation Information**

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No information is available at this time.

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### **Section XV – Regulatory Information**

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#### **SARA Title III Information**

**Section 302 – Extremely Hazardous Substance**    None  
**Section 311/312 – Hazardous Categories**    None  
**Section 313 – Toxic Release Chemicals**    None

#### **HMIS Information**

**Health Hazard**                      0  
**Fire Hazard**                         0  
**Reactivity Hazard**                0  
**Personal Protection**              0

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## **Section XVI – Other Information**

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**Other Precautions** No special precautions are required during normal use. However, material is thermoplastic and adequate ventilation is required during heat-sealing operations.

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