# Corrtec

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 03/17/2014 Version: 1.0

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Corrtec

**Synonyms:** Hitec HDPE, Protec CoPP, Protec PP, CORZAN PVC

### 1.2. Intended Use of the Product

**Use of the Substance/Mixture:** For professional use only

### 1.3. Name, Address, and Telephone of the Responsible Party

**Company**
CPG International
888North Keyser Ave
Scranton, PA, 18504
570-558-8000

**Manufacturer**
Vycom
801 Corey Street
Scranton, PA 18505
T (570)346-8254 - F (570)346-4122
www.vycomplastics.com

### 1.4. Emergency Telephone Number

**Emergency Number** : 570-558-8000

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

**Classification (GHS-US)**

Not Classified. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. This mixture is considered an article in its final form.

### 2.2. Label Elements

**GHS-US Labeling**

No additional information available.

### 2.3. Other Hazards

**Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre existing eye, skin, or respiratory conditions. Risk of thermal burns on contact with molten product. Temperature higher than necessary degrades quality at rates dependent on time and temperature of exposure. Cutting, sawing, grinding, or other operations that generate dust may raise nuisance particles that can cause mechanical irritation to the skin, eyes, or respiratory tract. Polyvinyl chloride, polypropylene, and polyethylene dust accumulation can present a dust explosion hazard. Take necessary measures to limit dust production, and follow applicable regulations.

### 2.4. Unknown Acute Toxicity (GHS-US):

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

**First-aid Measures General**: If injury occurs or if you feel unwell seek medical advice.

**First-aid Measures After Inhalation**: Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact**: None expected under normal conditions of use. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Eye Contact**: Adverse effects not expected from this product. Obtain medical attention if pain, blinking or redness persist.

**First-aid Measures After Ingestion**: Not expected to be a primary route of exposure. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/Injuries:** Not expected to present a significant hazard under anticipated conditions of normal use. Prolonged contact with large amounts of dust may cause mechanical irritation. Final product may have sharp edges.

**Symptoms/Injuries After Inhalation:** Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Dust from this product may cause irritation to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** Not expected to be a primary route of exposure. Risk of thermal burns on contact with molten product. Prolonged contact with large amounts of dust may cause mechanical irritation.

**Symptoms/Injuries After Eye Contact:** Not expected to be a primary route of exposure. Excessive dust production at the time of cutting may cause minor eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is not considered a potential route of exposure. If a large quantity has been ingested: Gastrointestinal irritation. May cause nausea, vomiting, and diarrhea.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion, keep dust levels to a minimum and follow applicable regulations.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Other information:** Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures**: Avoid breathing (dust, vapors, fumes from molten material). Final product may have sharp edges. Avoid prolonged contact with eyes, skin and clothing. Avoid generating dust.

#### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Avoid generation of dust during clean-up of spills. Sweep or vacuum the product to recover it. Where possible allow molten material to solidify naturally.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See heading 8, exposure controls and personal protection

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Avoid dust production. Final product may have sharp edges. Risk of thermal burns on contact with molten product. Heating of product can release toxic or irritating fumes, ensure proper ventilation, proper precautions are enforced, and applicable regulations are followed. Cutting, sawing, grinding, or other operations that generate dust may raise nuisance particles that can cause mechanical irritation to the skin, eyes, or respiratory tract. Polyvinyl chloride, polypropylene, and polyethylene dust accumulation can present a dust explosion hazard. Take necessary measures to limit dust production, and follow applicable regulations.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do no eat, drink or smoke when using this product.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Store away from incompatible materials.

**Incompatible Products:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

### 8.2. Exposure Controls

**Appropriate Engineering Controls** : Provide adequate ventilation to minimize dust concentrations. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Personal Protective Equipment** : Safety glasses. Gloves. Insufficient ventilation (specifically with the accumulation of dust or vapors from molten product): wear respiratory protection. Protective clothing.

**Materials for Protective Clothing** : As necessary when handling hot or molten sheet, wear protective clothing.

**Hand Protection** : If handling hot or molten sheet wear insulated gloves, otherwise wear work gloves.

**Eye Protection** : Chemical goggles or safety glasses.

**Respiratory Protection** : Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust or vapors from molten product are expected to exceed exposure limits.

**Consumer Exposure Controls** : Do not eat, drink or smoke during use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

| | |
|---|---|
| **Physical State** | : Solid |
| **Appearance** | : Finished sheet. |
| **Odor** | : Finished sheet. |
| **Odor Threshold** | : No data available |
| **pH** | : No data available |
| **Relative Evaporation Rate (butylacetate=1)** | : No data available |
| **Melting Point** | : 120-170°C (248-338°F) |
| **Freezing Point** | : No data available |
| **Boiling Point** | : No data available |
| **Flash Point** | : 260°C – 480°C (500°F-896°F) |

| | |
|---|---|
| **Auto-ignition Temperature** | : No data available |
| **Decomposition Temperature** | : No data available |
| **Flammability (solid, gas)** | : No data available |
| **Vapor Pressure** | : No data available |
| **Relative Vapor Density at 20 °C** | : No data available |
| **Relative Density** | : No data available |
| **Specific Gravity** | : ~0.9 – 1.6 |
| **Solubility** | : Insoluble |
| **Log Pow** | : No data available |
| **Log Kow** | : No data available |
| **Viscosity, Kinematic** | : No data available |
| **Viscosity, Dynamic** | : No data available |
| **Explosive Properties** | : No data available |
| **Oxidizing Properties** | : No data available |
| **Explosive Limits** | : No data available |

**9.2. Other Information** No additional information available

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:** Hazardous reactions will not occur under normal conditions.

**10.2 Chemical Stability:** Stable at standard temperature and pressure.

**10.3 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**10.4 Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Incompatible materials.

**10.5 Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**10.6 Hazardous Decomposition Products:** Carbon oxides (CO, CO2), metal oxides, hydrogen chloride, formaldehyde, organic vapors, nitrogen oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information On Toxicological Effects

**Acute Toxicity** : Not classified

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

**Skin Corrosion/Irritation**: Not classified

**Serious Eye Damage/Irritation**: Not classified

**Respiratory or Skin Sensitization**: Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity**: Not classified

**Reproductive Toxicity**: Not classified

**Specific Target Organ Toxicity (Single Exposure)**: Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Dust from this product may cause irritation to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** Not expected to be a primary route of exposure. Risk of thermal burns on contact with molten product. Prolonged contact with large amounts of dust may cause mechanical irritation.

**Symptoms/Injuries After Eye Contact:** Not expected to be a primary route of exposure. Excessive dust production at the time of cutting may cause minor eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is not considered a potential route of exposure. If a large quantity has been ingested: Gastrointestinal irritation. May cause nausea, vomiting, and diarrhea.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

**12.2. Persistence and Degradability** No additional information available

**12.3. Bioaccumulative Potential** No additional information available

**12.4. Mobility in Soil** No additional information available

**12.5. Other Adverse Effects**

No additional information available

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

**Sewage Disposal Recommendations:** Do not empty into drains; dispose of this material and its container in a safe way.

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

## SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/TDG

**14.1. UN Number** Not regulated for transport

**14.2. UN Proper Shipping Name** Not regulated for transport

**14.3. Additional Information**

**Other information** : Not regulated for transport

**Transport by Sea** Not regulated for transport

**Air Transport** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

**15.1 US Federal Regulations**

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

**15.2 US State Regulations**

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

## SECTION 16: OTHER INFORMATION

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|---|---|---|
| **Revision date** | : | 03/17/2014 |
| **Data Sources** | : | This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. |
| **Other Information** | : | Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. This mixture is considered an article in its final form. |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*

SDS US (GHS HazCom) - US