1 Identification

1.1 Product Identifier

Product Name: PolyTop 5050 A Countertop PolyUrea

1.2 Application of the substance / the preparation:

Architectural Coating

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
Versatile Building Products
245 Carl Karcher Way
Anaheim, Ca  92801
U.S.A.

Information department
Health and Safety (8 AM to 5 PM-PST) 1-714-829-2600
MSDS@garagecoatings.com

1.4 Emergency telephone number:

Infotrac: (800) 535-5053 (North America)
(352) 323-3500 (International)

2 Hazard(s) identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Sensitization</td>
<td>1</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>4</td>
</tr>
<tr>
<td>Skin irritation</td>
<td>2</td>
</tr>
<tr>
<td>Eye irritation</td>
<td>2</td>
</tr>
</tbody>
</table>

2.2 GHS Label Elements, including precautionary statements

Pictogram

Signal Word: Warning

Appearance: Clear Viscous Liquid  Physical State: Liquid  Odor: Solvent

Hazard statements

Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation
May cause an allergic skin reaction
Combustible liquid

Precautionary statement(s) - Prevention
Avoid breathing dust/fume/gas/mist/vapours/spray
Wash hands thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statement(s) - Response
IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/ physician.
Call a POISON CENTER or doctor/ physician if you feel unwell.
Specific treatment (see supplemental first aid instructions on this label).
If skin irritation or rash occurs: Get medical advice/ attention.
If eye irritation persists: Get medical advice/ attention.
Take off contaminated clothing and wash before reuse.
Wash contaminated clothing before reuse.
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Collect spillage.

Precautionary statement(s) - Storage
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.

Precautionary statement(s) - Disposal
Disposal of contents/container to be specified in accordance with regulations.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS –
Combustible
Severe eye irritant
Severe respiratory irritant
May cause sensitization by skin contact

3 Composition/information on ingredients

3.1 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary diamines</td>
<td>Not Available</td>
<td>50-70</td>
</tr>
<tr>
<td>4-Chloro-α,α,α-trifluorotoluene</td>
<td>98-56-6</td>
<td>10-30</td>
</tr>
</tbody>
</table>

4 First-aid measures

4.1 Description of first aid measures
General advice
Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

**After inhalation:**
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**After skin contact:**
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**After eye contact:**
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**After swallowing:**
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms/effects, acute and delayed:
Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause:
- Sore throat, eye disease, skin disorders, allergies, asthma, and neurological disorders.

### 4.3 Indication of immediate medical attention and special treatment needed

---

### 5.1 Extinguishing media

**Suitable extinguishing media**
For small (incipient) fires, use media such as “alcohol” foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

**Special hazards arising from the substance or mixture**

**Advice for firefighters**
Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**
Do not allow run-off from firefighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### 6 Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.
6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7 Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8 Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters
None

8.2 Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection
Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and
must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

**Body Protection**
Impervious clothing, Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.
If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 9 Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>No.</th>
<th>Property</th>
<th>Value/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Appearance</td>
<td>Form: Clear, viscous liquid</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Colour: Colorless</td>
</tr>
<tr>
<td>b)</td>
<td>Odour</td>
<td>Solvent</td>
</tr>
<tr>
<td>c)</td>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>d)</td>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>e)</td>
<td>Melting point/freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>f)</td>
<td>Initial boiling point and boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>g)</td>
<td>Flash point</td>
<td>172 °F (78 °C) - closed cup</td>
</tr>
<tr>
<td>h)</td>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>i)</td>
<td>Flammability (solid/gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>j)</td>
<td>Upper/lower flammability or explosive limits</td>
<td>no data available</td>
</tr>
<tr>
<td>k)</td>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>l)</td>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>m)</td>
<td>Relative density</td>
<td>1.089 g/cm3 at 25°C (77°F)</td>
</tr>
<tr>
<td>n)</td>
<td>Water solubility</td>
<td>&lt;0.1 g/L</td>
</tr>
<tr>
<td>o)</td>
<td>Partition coefficient: n-octanol/water</td>
<td>no data available</td>
</tr>
<tr>
<td>p)</td>
<td>Auto-ignition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>q)</td>
<td>Decomposition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>r)</td>
<td>Viscosity</td>
<td>50-150 CPS 25°C (77°F)</td>
</tr>
<tr>
<td>s)</td>
<td>Explosive properties</td>
<td>no data available</td>
</tr>
<tr>
<td>t)</td>
<td>Oxidizing properties</td>
<td>no data available</td>
</tr>
</tbody>
</table>
9.2 Other safety information
   No data available

10 Stability and reactivity

10.1 Control parameters
   No data available

10.2 Chemical stability
   Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
   No data available

10.4 Conditions to avoid
   Heat, flames, sparks, and oxidizing agents.

10.5 Incompatible materials
   Reactive metals (Sodium, Calcium, Zinc, etc.)
   Materials reactive with hydroxyl compounds
   Organic acids (acetic acid, citric acid, etc.)
   Mineral acids
   Sodium hypochlorite
   Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.
   Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion
   Oxidizing agents

10.6 Hazardous decomposition products
   Nitric acid
   Ammonia
   Nitrogen oxides (NOx)
   Nitrogen oxide can react with water vapors to form corrosive nitric acid
   Carbon monoxide
   Carbon dioxide (CO2)
   Aldehydes
   Flammable hydrocarbon fragments
   In the event of fire: see section 5

11 Toxicological Information

11.1 Information on likely routes of exposure
   Effects on Eye       Causes eye irritation
   Effects on Skin     Causes skin irritation
   Inhalation Effects  No data available
   Ingestion Effects   No data available

11.2 Information on physical, chemical and toxicological effects
   Symptoms           Causes eye irritation. Causes skin irritation. Stomach ache, nausea, vomiting, dullness, vision disorder, and blindness.
11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure

- **Sensitization**: Skin sensitizer
- **Germ cell mutagenicity**: No data available
- **Carcinogenicity**: No data available
- **Reproductive toxicity**: No data available
- **STOT – Single exposure**: No data available
- **STOT – Repeated exposure**: No data available

11.4 Numerical measures of toxicity – Product

- Not determined

**Additional Information**
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12 Ecological information

12.1 Aquatic Toxicity

- No data available

12.2 Persistence and degradability

- No data available

12.3 Bioaccumulative potential

- No data available

12.4 Mobility in soil

- No data available

12.5 Results of PBT and vPvB assessment

- PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

- An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
- Very toxic to aquatic life with long lasting effects.

13 Disposal considerations

13.1 Waste treatment methods

**Product**

Contact supplier if guidance is required.

**Contaminated packaging**
Dispose of container and unused contents in accordance with federal, state, and local requirements.

### 14 Transport information

**DOT (US)**
Not Dangerous Goods

**IMDG**
Not Dangerous Goods

**IATA**
Not Dangerous Goods

### 15 Regulatory information

**United States Regulatory Information**

**TSCA 8 (b) Inventory Status**
All Components are listed or exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12 (b) Export Notification**
None above reporting de minimus

**SARA 302 Components**
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**
- Acute health hazard: Yes
- Chronic health hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive hazard: No

**California Prop. 65 Components**
This product may contain chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:**
All components are listed on or are exempt from listing on the Domestic Substances List.
16 Other information

Issue Date: 11-Nov-2014
Revision Date: 06-May-2015
Revision Note: Update Information

HMIS Rating
Health Hazard: 2
Flammability: 2
Physical Hazard: 0

NFPA Rating
Health Hazard: 2
Fire Hazard: 2
Reactivity Hazard: 0

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