SECTION 1: Product and Company Identification

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product Number</th>
<th>CH 262</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Synthetic Cohesive (Water Based)</td>
</tr>
<tr>
<td>Product Class</td>
<td>Synthetic Polymer Blend</td>
</tr>
</tbody>
</table>

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/preparation: Synthetic Cohesive (Water Based)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

VALPAC, INC.
1400 Industrial Park Road
Federalsburg, MD 21632
1-410-754-7390

1.4. Emergency telephone number

Emergency number 1-800-535-5053 (INFOTRAC)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
<th>Hazard Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Classified</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

If applicable, full text of H-phrases appear in “Label elements” below

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

GHS Labeling Elements

This mixture is not classified as hazardous according to GHS classification criteria.

<table>
<thead>
<tr>
<th>Hazard pictograms</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal word</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Hazard statements</td>
<td>None</td>
</tr>
<tr>
<td>Precautionary statements</td>
<td>None</td>
</tr>
</tbody>
</table>
2.3. Other hazards/labeling information

Contact with molten material may cause thermal burns.

SECTION 3: Composition/information on ingredients

This product does not contain any ingredients considered to be hazardous to safety, health or the environment.

SECTION 4: First aid measures

4.1. Description of first aid measures

| First-aid measures – if inhaled       | Move to fresh air. Seek medical attention if needed. |
| First-aid measures – if on skin      | Rinse skin with soap and water. Seek medical attention if irritation develops or persists. |
| First-aid measures – if in eyes      | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Seek medical attention if irritation develops or persists. |
| First-aid measures – if swallowed   | Call a poison control center or doctor immediately for treatment advice. Give water to dilute. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person |

Notes to physician: Treat symptomatically

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

May cause mild irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

| Suitable extinguishing media          | Mixture is not flammable. Dried material can be extinguished with carbon dioxide (CO2), dry chemical, foam, water spray |
| Unsuitable extinguishing media        | Not applicable |

5.2. Special hazards arising from the substance or mixture

| Fire hazard                          | Mixture is not flammable. |
| Explosion hazard                    | None known |
| Reactivity                           | The product is stable at normal handling and storage conditions. |

5.3. Advice for firefighters

| Firefighting instructions            | Use positive pressure, self-contained breathing apparatus and protective clothing. Remove container from fire area if possible. Containers may be cooled with water fog or spray if not leaking. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| General measures                     | Ventilate the area. Use appropriate personal protective equipment (PPE – See Section 8). Scoop or mop up spills. Absorb with sand, vermiculite, etc. Transfer to containers for discarding. |
6.1.1. For non-emergency personnel
Protective equipment: Wear appropriate personal protective equipment (PPE).
Emergency procedures: Avoid contact with spilled material.

6.1.2. For emergency responders
Protective equipment: Wear appropriate personal protective equipment (PPE).

6.2. Environmental precautions
Prevent material from entering sewers, waterways, or low areas.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Scoop or mop up spills. Absorb with sand, vermiculite, etc. Transfer to containers for discarding.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Avoid contact with skin and eyes; and use appropriate personal protective equipment. Local exhaust is needed at source of dust. Mechanical ventilation is recommended. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Keep material from freezing. Keep closure tight and container upright to prevent leakage. Do not store above 125 °F.

SECTION 8: Exposure controls/personal protection

8.1. Personal protective equipment
Wear safety glasses, gloves and protective clothing to prevent skin contact. Wear a NIOSH-approved air purifying respirator (dust mask) during spray/misting conditions.

8.2. Exposure controls
Ensure adequate ventilation, especially in confined areas.

There are no exposure limits established for the components in this mixture.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: Liquid
Color: Off-white
Odor: Slight ammonia odor
Odor threshold: No data available
pH: 10.5 – 11.5
Relative evaporation rate (butyl acetate=1): Not applicable
Melting point: Not applicable
### Freezing point
32 °F

### Boiling point
212 °F

### Flash point
None

### Self-ignition temperature
No data available

### Decomposition temperature
No data available

### Flammability (solid, gas)
Not flammable

### Vapor pressure
18 mmHg @ 25 °C

### Relative vapor density at 20 °C
No data available

### Relative density
1.1-1.2 at 25 °C

### Solubility
Emulsifiable

### Log Pow
No data available

### Log Kow
No data available

### Viscosity, kinematic
No data available

### Viscosity, dynamic
No data available

### Explosive properties
Non explosive

### Oxidizing properties
None

### Explosive limits
Not applicable

### Other information
No additional information available

## SECTION 10: Stability and reactivity

### Reactivity
The product is stable at normal handling and storage conditions.

### Chemical stability
Stable under normal conditions.

### Possibility of hazardous reactions
None known. Polymerization will not occur.

### Conditions to avoid
Keep from freezing.

### Incompatible materials
None known

### Hazardous decomposition products
Burning of dried coating can produce carbon dioxide & carbon monoxide.
SECTION 11: Toxicological information

11.1. Information on toxicological effects
Not acutely toxic.

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt;5000 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt;5000 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classifiable as a skin irritant. May cause mild irritation upon prolonged contact.
Serious eye damage/irritation: Not classifiable as an eye irritant. May cause mild eye irritation.
Respiratory or skin sensitization: Not a sensitizer.
Germ cell mutagenicity: Not classified as a mutagen.
Carcinogenicity: Not classified as a carcinogen by IARC, NTP, OSHA or IARC.
Reproductive toxicity: Not classified as a reproductive toxin.
Specific target organ toxicity (single exposure): Not classified.
Specific target organ toxicity (repeated exposure): Not classified per GHS criteria.
Aspiration hazard: Not classified.

SECTION 12: Ecological information

12.1. Toxicity
EC50: No data available. Not expected to be toxic to aquatic organisms.

12.2. Persistence and degradability
No additional information available.

12.3. Bioaccumulative potential
None expected to bioaccumulate.

12.4. Mobility in soil
No additional information available.

12.5. Results of PBT and vPvB assessment
No additional information available.

12.6. Other adverse effects
None.
SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal
Dispose of in compliance with federal, state and local regulations.

SECTION 14: Transport information

Not Regulated by US DOT or Canadian TDG for ground shipment

Ground transport
Not Regulated by US DOT
Not Regulated by Canadian TDG

Transport by sea (IMDG)
Not Regulated by IMDG

Air transport (IATA)
Not Regulated by IATA

Additional Air, Sea and International Transportation Information

<table>
<thead>
<tr>
<th>UN-No.</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Transport document description</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Class (UN)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Hazard labels (UN)</td>
<td>None</td>
</tr>
<tr>
<td>Packing group (UN)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Marine Pollutant (Y/N)</td>
<td>No</td>
</tr>
<tr>
<td>Dangerous for the environment</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION 15: Regulatory information

TSCA Inventory:

All components in these products are listed on the TSCA Inventory or are exempt from listing thereunder. If you need more information on the inventory status of this material, contact Valpac at 1-410-754-7390

SARA 313 Regulated Chemical(s): Not applicable

Title III hazard classification:
Acute Health Hazard: No
Chronic Health Hazard: No
Fire: No
Reactivity/Physical hazard: No
Pressure: No

Canadian Regulatory Information:
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: Not classified or controlled.
**Additional Regulatory Information:**
This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others). Before exporting this product from the USA, we recommend you contact us at 1-410-754-7390 to request an export review.

**SECTION 16: Other information**

<table>
<thead>
<tr>
<th>NFPA:</th>
<th>Health: 1; Flammability: 0; Reactivity: 0; Specific:</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS:</td>
<td>Health: 1; Flammability: 0; Physical Hazard: 0; PPE: B</td>
</tr>
</tbody>
</table>

**Prepared By:** Valpac, Inc.

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