Safety Data Sheet

SECTION 1: Product and Company Identification

1.1. Product identifier

Product Number	CH 261
Product Name	Synthetic Cohesive (Water Based)
Product Class	Synthetic Polymer Blend

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

Classification

Hazard Class	Category	Hazard Statement
Not Classified	NA	NA

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.

Hazard pictograms	None
Signal word	Not applicable
Hazard statements	None
Precautionary statements	None

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 ºF
Boiling point	212 ºF
Flash point	None
Self-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not flammable
Vapor pressure	18 mmHg @ 25 ºC
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

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable at normal handling and storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known. Polymerization will not occur.

10.4. Conditions to avoid

Keep from freezing.

10.5. Incompatible materials

None known

10.6. 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.

Acute toxicity	
LD50 oral rat	>5000 mg/kg
LD50 dermal rabbit	>5000 mg/kg
LC50 inhalation rat (mg/l)	No data available

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

UN-No.	Not Applicable
Proper Shipping Name	Not Applicable
Transport document description	Not Applicable
Class (UN)	Not Applicable
Hazard labels (UN)	None
Packing group (UN)	Not Applicable
Marine Pollutant (Y/N)	No
Dangerous for the environment	No

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

NFPA:	Health: 1; Flammability: 0; Reactivity: 0; Specific:
HMIS:	Health: 1; Flammability: 0; Physical Hazard: 0; PPE: B

MSDS US

Prepared By: *Valpac, Inc.*

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