SECTION 1: Product and Company Identification

1.1. Product identifier
Product Number: DRB 157
Product Name: Dry Bond Adhesive (Water Based)
Product Class: Acrylic

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: Dry Bond Adhesive (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

<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.

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. 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
Milky White

Odor
Slight acrylic odor

Odor threshold
No data available

pH
6.5 – 7.5

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 1.0-1.1 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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</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>
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<tr>
<td>Transport document description</td>
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<tr>
<td>Class (UN)</td>
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<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

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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