Material Safety Data Sheet

1. Chemical Product and Company Identification

PRODUCT NAME: Hot Melt Adhesive for Copper Sealite 2000

MANUFACTURER: ADVANCED BUILDING PRODUCTS, INC.
P. O. Box 98, Springvale, ME 04083
Toll Free: 1-800-252-2306
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2. Composition / Information On Ingredients

CHEMICAL FAMILY: Hot Melt Adhesive

COMPONENT: Hydrotreated Heavy Naphthenic Distillate
CAS NUMBER: 647-62-5
CONCENTRATION (%): 10 - 30

3. Hazards Identification

EMERGENCY OVERVIEW:
NON-HAZARDOUS AT ROOM TEMPERATURES. HAZARDOUS ONLY WHEN HEATED.
Clear Solid Negligible Odor.

EYE: As supplied: Irritant as a foreign body. As used: Severe thermal hazard.

SKIN CONTACT: Exposure to hot material may cause thermal burns.

INHALATION: Unlikely to be hazardous by inhalation because of the low vapor pressure of the material at ambient temperature. Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

INGESTION: Low oral toxicity.
4. First Aid Measures

**EYE**
If hot: Flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied: remove as foreign body.

**SKIN CONTACT**
If hot: Flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied: Non-hazardous.

**INHALATION**
Remove to fresh air. Get medical attention if irritation persists.

**INGESTION**
If swallowed, induce vomiting only if victim is alert. Get prompt medical attention. DO NOT attempt to give anything by mouth to a drowsy or unconscious person.

5. Firefighting Measures

**AUTOIGNITION**
Not available.

**FLASH POINT**
> 500 °F (Cleveland Open Cup)

**EXTINGUISHING MEDIA**
CO₂; Dry Chemical

**SPECIAL FIREFIGHTING PROCEDURES**
No special procedures are required.

**FIRE & EXPLOSION HAZARDS**
Non-combustible.

**HAZARDOUS COMBUSTION PRODUCTS**
Carbon Monoxide, Carbon Dioxide, Unknown Hydrocarbons.

**LOWER EXPLOSION LIMIT (%)**
Not applicable.

**UPPER EXPLOSION LIMIT (%)**
Not applicable.

**FLAMMABILITY HAZARD CLASS**
1 = Slight.

6. Accidental Release Measures

**SPILL AND LEAK PROCEDURES**
Allow to cool and solidify. Scrape up and collect in suitable containers for disposal.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

7. Handling and Storage

**STORAGE TEMPERATURE**
0 - 100 °F

**HANDLING / STORAGE**
Store in a cool, dry area. Precaution: This product should only be heated to recommended temperatures. Hazards of pyrolysis products emitted are unknown and may be hazardous to health.

**SENSITIVITY TO STATIC ELECTRICITY**
No.

**SENSITIVITY TO MECHANICAL IMPACT**
No.
8. Exposure Controls / Personal Protection

**COMPONENT**
- Hydrotreated Heavy Naphthenic Distillate

**EXPOSURE LIMITS**
- ACGIH-TWA: 5mg/m³
- OSHA-PEL: 5mg/m³
- ACGIH-STEL: 5mg/m³

**VENTILATION REQUIREMENTS**
General exhaust to avoid accumulation of vapors near ceilings. Local exhaust over glue chamber.

**EYE PROTECTION REQUIREMENTS**
Safety glasses, goggles or face shield to protect against splashing.

**GLOVE REQUIREMENTS**
Thermally resistant gloves should be worn.

**CLOTHING REQUIREMENTS**
To avoid burns, use long-sleeved, long-legged clothing.

**WASH REQUIREMENTS**
Wash before eating, drinking, or using toilet facilities.

**RESPIRATOR REQUIREMENTS**
No respiratory protection is recommended while working with this material. However, if operating conditions create high vapor or mist concentration, use of an approved respirator is recommended.

9. Physical and Chemical Properties

**PURE SUBSTANCE OR MIXTURE**
- Mixture

**PHYSICAL FORM**
- Solid

**COLOR**
- Clear

**ODOR**
- Negligible

**ODOR THRESHOLD**
- Not available

**pH AS IS**
- Not applicable

**pH IN (1%) SOLUTION**
- Not applicable

**OXIDIZING PROPERTIES**
- Not applicable

**BOILING POINT**
- >500 °F

**MELTING / FREEZING POINT**
- Approximately °F

**SOLUBILITY IN WATER**
- Insoluble

**PARTITION COEFFICIENT (n-octanol/water)**
- Not applicable

**SPECIFIC GRAVITY (WATER = 1)**
- 0.98

**BULK DENSITY**
- 8.1 lb/gal

**EVAPORATION RATE**
- (Water = 1)

**VAPOR PRESSURE (mmHg)**
- Nil @ 20°C

**VAPOR DENSITY (air = 1)**
- Nil

**VOLATILES**
- Nil

**VOLATILE ORGANIC COMPOUNDS**
- Not available

**AUTOIGNITION**
- > 500 °F (Cleveland Open Cup)
10. Stability and Reactivity

STABILITY
Stable

REACTIVITY HAZARD CLASS
0 = Stable

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon Monoxide, Carbon Dioxide, Unknown Hydrocarbons.

11. Toxicological Information

ROUTE OF ENTRY
Skin Contact; Eye Contact; Inhalation

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE
Although this product has not been tested for chronic effects, it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.

EFFECTS OF CHRONIC EXPOSURE
Eyes; Skin; Respiratory System No.

TARGET ORGANS
Carcinogen

COMPONENT ORAL TOXICITY
Hydrotreated Heavy
Naphthenic Distillate
Ingestion may cause irritation of the gastrointestinal tract.

COMPONENT DERMAL TOXICITY
Hydrotreated Heavy
Naphthenic Distillate
Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.

COMPONENT INHALATION TOXICITY
Hydrotreated Heavy
Naphthenic Distillate
Vapors and/or aerosols may cause irritation.

COMPONENT NOTES ON INHALATION TOXICITY
Hydrotreated Heavy
Naphthenic Distillate
NOTES ON EYE IRRITATION
Will cause eye irritation. May cause permanent damage if eye is not immediately irrigated.

12. Ecological Information

POTENTIAL TO BIOACCUMULATE
Unknown.

AQUATIC TOXICITY
Not established.

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13. Disposal Considerations

**WASTE DISPOSAL METHODS** Disposal should be in accordance with local, state or national legislation.

**EMPTY CONTAINER WARNINGS** Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

14. Transportation Information

**DOT CLASSIFICATION** Proper shipping name Not noted.

The information provided herein may not include the impact of additional regulatory requirements (e.g., for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/or marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

15. Regulatory Information

**USA**

**TSCA** All components are on the TSCA Inventory.

**SARA / TITLE III**

Contains no substances at or above the reporting threshold under Section 313.

16. Other Information