



**ADVANCED**  
Building Products Inc.

## Material Safety Data Sheet

### 1. Chemical Product and Company Identification

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PRODUCT NAME Hot Melt Adhesive for Copper Sealtite 2000

MANUFACTURER **ADVANCED BUILDING PRODUCTS, INC.**  
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### 2. Composition / Information On Ingredients

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CHEMICAL FAMILY	Hot Melt Adhesive	
COMPONENT	CAS NUMBER	CONCENTRATION (%)
Hydrotreated Heavy Naphthenic Distillate	64742-52-5	10 - 30

### 3. Hazards Identification

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#### 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

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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

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AUTOIGNITION	Not available
FLASH POINT	> 500 °F (Cleveland Open Cup)
EXTINGUISHING MEDIA	CO <sub>2</sub> ; 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

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SPILL AND LEAK PROCEDURES	Allow to cool and solidify. Scrape up and collect in suitable containers for disposal.
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For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

#### 7. Handling and Storage

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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.

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## 8. Exposure Controls / Personal Protection

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COMPONENT	EXPOSURE LIMITS
Hydrotreated Heavy Naphthenic Distillate	ACGIH-TWA: 5mg/m <sup>3</sup> OSHA-PEL: 5 mg/m <sup>3</sup> ACGIH-STEL: 5mg/m <sup>3</sup>
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

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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	Nil
AUTOIGNITION	Not available
FLASH POINT	> 500 °F (Cleveland Open Cup)

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## 10. Stability and Reactivity

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STABILITY	Stable
REACTIVITY HAZARD CLASS	0 = Stable
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon Monoxide, Carbon Dioxide, Unknown Hydrocarbons.

## 11. Toxicological Information

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ROUTE OF ENTRY	Skin Contact; Eye Contact; Inhalation	
CHRONIC (LONG TERM) EFFECTS OF EXPOSURE		
EFFECTS OF CHRONIC 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.	
TARGET ORGANS	Eyes; Skin; Respiratory System	
CARCINOGEN	No.	
COMPONENT	ORAL TOXICITY	NOTES ON ORAL TOXICITY
Hydrotreated Heavy Naphthenic Distillate		Ingestion may cause irritation of the gastrointestinal tract.
COMPONENT	DERMAL TOXICITY	NOTES ON 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	NOTES ON INHALATION TOXICITY
Hydrotreated Heavy Naphthenic Distillate		Vapors and/or aerosols may cause irritation.
COMPONENT		NOTES ON EYE IRRITATION
Hydrotreated Heavy Naphthenic Distillate		Will cause eye irritation. May cause permanent damage if eye is not immediately irrigated.

## 12. Ecological Information

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POTENTIAL TO BIOACCUMULATE	Unknown.
AQUATIC TOXICITY	Not established.

### 13. Disposal Considerations

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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

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#### DOT CLASSIFICATION

Proper shipping name      Not noted.

The information provided herein may not include the impact of additional regulatory requirements (eg, for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/of 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

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USA

TSCA      All components are on the TSCA Inventory.

SARA / TITLE III	CAS NUMBER	CONCENTRATION (%)
Contains no substances at or above the reporting threshold under Section 313.		

### 16. Other Information

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