

# INTRODUCING

## Safecoat Almighty Adhesive

### Building Just Got A Lot Safer.

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Safecoat Almighty Adhesive is a solvent-free, environmentally safe, non-toxic, high-performance construction adhesive for use in a wide variety of applications. It does not off-gas and has almost no odor, so is safe for use in enclosed or poorly ventilated spaces and it exceeds VOC regulations. Almighty Adhesive provides 500 PSI shear strength, more than enough grip for most applications.

Because Safecoat Almighty Adhesive is 100% solids and solvent-free, there is no shrinkage. Yet Almighty maintains high strength, quick cure time, and is applicable from 30 degrees F on up to 200°F. It is non-flammable and non-slumping. Almighty Adhesive can even be applied in damp conditions.

#### Use Safecoat Almighty Adhesive for these projects:

- Interior and exterior paneling
- Drywall and gypsum-board
- Galvanized metal
- PVC, Foam and Vinyl
- Excellent for decorative brick and stone
- All wood and metal frame construction
- Cove base, tub surrounds,
- Concrete and masonry
- Ceramic tile and ceiling tile
- Installing windows, doors and skylights
- Installing wood decking and wood flooring over subfloors

*Safecoat Almighty Adhesive meets AFG-01 and HUD use of materials 60 • ASTM D 3498 • Conforms to OTC Rule for Adhesives • Meets requirements of California regulations: CARB, SCAQMD and BAQMD • Conforms to California Proposition 65 • Conforms to USDA requirements for non-food contact.*

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When it has to be safe, it has to be **safecoat**

# MATERIAL SAFETY DATA SHEET

Prepared according to 29 CFR 1910.1200

N/A = Not applicable

Revised 9/30/09

## SECTION 1 - PRODUCT IDENTIFICATION

### Trade Name: Safecoat Almighty Adhesive

Product I.D.# & Color: 7150 White

Product Class: Moisture Cure Adhesive

Supplier's Name: American Formulating & Manufacturing

Telephone #: (619) 239-0321 Fax # 619-239-0565

Address: 3251 Third Avenue, San Diego, CA 92103

Emergency Phone (MSDS Information): (619) 239-0321 or (562) 693-0872

D.O.T. Emergency Phone Number: (619) 239-0321

US DOT Hazard Shipping Class: Not regulated

D.O.T. Labels/Placards Required: No

OSHA Class: 29CFR 1910.1200 Non-hazardous

SARA TITLE III Emergency & Community Right to Know:

Section 311/312 Categorizations (40 CFR 370): Not a hazardous chemical

Section 313 Information (40 CFR 372): This product does not contain a chemical which is listed in Section 313 above de minimis concentrations.

## SECTION 2 - INGREDIENTS

|                                    |                   |                       |
|------------------------------------|-------------------|-----------------------|
| Modified poly ether isomer mixture | CAS #: Mixture    | Weight Percent: 30-80 |
| Nepheline Syenite                  | CAS #: 37244-96-5 | Weight Percent: 30-60 |
| Amino Silane (See Section 5)       | CAS #: 1760-24-3  | Weight Percent: 1 - 5 |

## SECTION 3 - PHYSICAL DATA

Physical Description: Mild odor, paste, light tan color

Boiling Point: .....N/A

Melting Point: .....N/A

Vapor Density: .....Heavier than air

% Volatile by Volume: .....0%

LBS/GAL Theoretical: .....12.70 +/- 0.15

Solubility in Water: .....Dilutable

Vapor Pressure, mmHg @ 20degC: .....N/A

Evaporation Rate: .....N/A

% Volatile by Weight: .....0%

Specific Gravity (Water=1): .....Heavier than water

VOC Material less H2O: .....<35 g/l @ 240 deg. F

## SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point: N/A

Flammable limits in air, volume % - lower LEL: N/A Upper UEL: N/A

Fire Extinguishing Media: Water, carbon dioxide, dry chemical

Personal Protective Equipment: Self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear may be worn if desired, but not necessary for normal use.

Autoignition Temp.: N/A

Special Fire Fighting Procedures: Use water (fog) to cool closed containers.

Wear self contained breathing apparatus.

Unusual Fire & Explosion Hazards: Closed containers may explode due to the build up of steam pressure when exposed to extreme heat. Material can splatter above 100°C/212°F. Polymer film can burn.

## SECTION 5 - HEALTH HAZARD INFORMATION & FIRST AID

Threshold Limit Value: Information below is based on Amino Silane (see section 2)

Oral - Result: LD50 > 2,000 mg/kg. - Very low order of toxicity.

Skin Absorption-Result: LD50>2,000mg/kg.-Very low order of toxicity.

Skin Direct contact - Result: Slight irritation.

Eye Direct contact - Result: Severe irritation - Causes corneal injury.

Inhalation - Result: LC50 Not acutely Toxic.

Exposure Limits - Not applicable.

Sensitization - No.

Reproductive Toxicity - No.

Mutagenicity - No.

Teratogenicity - No

Synergistic Products - None.

### Symptoms of Overexposure

Symptoms and Effects of Short Term Exposure: Acute. Primary route of entry:

Swallowing: May be harmful if ingested, not a likely route of entry.

Inhalation: Product is extremely low in volatility and therefore not likely to pose a problem from inhalation.

Eye Contact: Direct contact can cause severe irritation.

Skin Contact: Direct contact can cause slight irritation.

Skin Absorption: None known.

Symptoms and Effects of Repeated Overexposure: Chronic - Repeated or prolonged direct contact to the eyes may cause chemical burns. Repeated or prolonged direct contact to the skin may cause dermatitis.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin and eye disorders may be aggravated by direct contact to this product.

## Emergency & First Aid Procedures:

Inhalation: An unlikely route of entry. Remove to fresh air. Consult a physician.

Eyes: Flush immediately with large amounts of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Take to a physician for medical treatment.

Skin: Clean product from affected area with Ethyl alcohol, then wash with soap and water.

Ingestion (Swallowing): An unlikely route of entry. Consult with physician, hospital emergency room, or poison control center immediately. Only if conscious, give 2 glasses of water to drink.

Notes to Physician: Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

Suspected Cancer Agents: Federal OSHA: No NTP: NO IARC: NO

HMIS Codes: H-1 F-0 R-0 P-B

## SECTION 6 - REACTIVITY DATA

Stability: Stable, however avoid temperatures above 177°C/350°F, the onset of polymer decomposition.

Incompatibility (materials to avoid): Avoid materials that are water reactive, highly alkaline or highly acidic.

Hazardous Decomposition by-products: Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and low molecular weight organic compounds may be formed.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Excess heat may cause containers to rupture. Avoid temperatures below 45°F or freezing conditions.

## SECTION 7 - SPILL, DISPOSAL PROCEDURES; ENVIRONMENTAL DATA

Steps to be taken in case material is released or spilled: Confine in small area; contain and remove with inert absorbent (sand, earth, etc.). Place in proper container for proper disposal. CAUTION - Keep out of waterways, drains, sewers. Keep spectators away. Floor may be slippery. Use care to avoid falling.

Waste Disposal Method: Place contaminated material in suitable sealed metal containers for disposal. Do not incinerate closed containers. Use non leaking containers, seal tightly and label properly. Where allowed by local laws (check with local regulatory agencies) allow waste materials to dry out before disposing into trash containers. Do not dispose of waste into water streams or storm water sewers. Do not mix with other kinds of waste. Dispose all waste in accordance with local, state and federal regulations.

RCRA Classification: As produced, this product is not a waste. If discarded, it is not classified a "Hazardous" waste under RCRA. This product is not ignitable, corrosive, reactive, or toxic; therefore is not defined as hazardous by the EPA.

Environmental Hazards: None known.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required.

Ventilation: General (mechanical) room ventilation is expected to be satisfactory.

Protective Gloves: Wear impervious gloves to minimize contact with skin.

Eye Protection: Safety glasses or goggles to avoid eye contact.

Other Protection: Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking. Eye wash or copious amounts of water as a precautionary measure is suggested.

## SECTION 9 - STORAGE & SPECIAL HANDLING

Storage Temperature: Min. 40degF - Max. 120degF/Indoor and outdoor = OK  
This product should be stored at room temperature to prolong shelf life. Keep containers in a cool, dry place (this product polymerizes when in contact with moisture.). Avoid subjecting this product to extreme temperature variations and freezing.

**KEEP CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES. USE ADEQUATE VENTILATION WHEN USING THIS PRODUCT. USE GOOD HYGIENE PRACTICES AND WASH AFTER USING PRODUCT.**

NOTICE: The data and recommendations presented herein are based upon our research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made, however, and the product discussed is distributed without warranty, expressed or implied, and the person receiving such product shall make his own determination of the suitability thereof for his particular purpose. The use of this information and the conditions and use of this product are controlled by the user, and it is the responsibility and obligation of the user to determine the conditions of safe use of this product. If persons using this product are chemically sensitive, a test for personal tolerance is recommended.