



SAFETY DATA SHEET
WHITE ROOF INSULATOR ADHESIVE

DELTA WHITE ROOF INSULATOR

Section 1: Identification

Product Name: Delta white Roof Insulation ADHESIVE

Relevant identified uses of the substance or mixture and uses advised against Identified uses: Adhesive use, Industrial use.

Montaz Bell Gostar
No 11, baghestan Alley, Namaz sq., Shahriar, Iran, 3351133022.

Supplier/Manufacture:

Phone: +98 21 62773* Fax: +98 2165225197 *
Email: info@deltaadhesive.com

In Case of Emergency: +98 21 62773
(office hours only)

Section 2: Hazardous Identification

Hazard Classification: Not classified as hazardous according to OSHA Hazard Communication Standard,

Signal Word: No signal word

GHS: Not a dangerous substance according to GHS

Precautionary statement: Wear eye/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Other hazards: None.

Section 3: Composition/Information on Ingredients

Substance/Mixture:		
Contains:	Ingredients	% by Wt
	Acrylate Polymer (NJTS Reg. No. 04499600-6331)	40 - 70 Trade Secret *
	Water	30 - 60 Trade Secret *
	filler	10 – 20 Trade Secret *

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.



SAFETY DATA SHEET
WHITE ROOF INSULATOR ADHESIVE

Section 4: First-Aid Measures

Description of Necessary First-Aid Measures:

Inhalation:
Remove person to fresh air. If you feel unwell, get medical attention.

Skin:
No need for first aid is anticipated

Eyes:
Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention

Ingestion:
If Swallowed, rinse your mouth. If you feel unwell, get medical attention.

Description of Symptoms/Effects (both acute and delayed) and Symptoms of Overexposure:
See Section 11.1. Information on toxicological effects.

Indication of Immediate Medical Attention & Special Treatment Needed, If Necessary:
Immediate / special treatment: Not applicable.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Use a fire fighting agent suitable for the surrounding fire.

Specific Hazards Arising from the Chemical: None inherent in this product.

	Substance:	Condition:
Hazardous Decomposition or By-Products	Carbon monoxide	During Combustion
	Carbon dioxide	During Combustion
	Irritant Vapors or Gases	During Combustion

Special Protective Actions for Fire-Fighters: No special protective actions for fire-fighters are anticipated.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment & Emergency Procedures:
Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory



SAFETY DATA SHEET

WHITE ROOF INSULATOR ADHESIVE

protection, ventilation, and personal protective equipment. For additional information, refer to Section 8: Exposure Controls & Personal Protection.

Environmental Precautions:

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. For additional information, refer to Section 12: Ecological Information.

Methods & Materials for Containment & Clean Up:

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations. For additional information, refer to Section 13: Disposal Considerations.

Section 7: Handling & Storage

Precautions for Safe Handling:

For industrial/occupational use only. Not for consumer sale or use. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

Conditions for Safe Storage:

Store away from heat. Store away from acids. Store away from oxidizing agents.

Section 8: Exposure Controls & Personal Protection

Exposure Limits:

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

Engineering Controls:

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

Personal Protective Measures:

Respiratory:

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half face piece or full face piece air-purifying respirator suitable for organic vapors and particulates For questions about suitability for a specific application, consult with your respirator manufacturer.

Skin/Hand:

No chemical protective gloves are required.

Eye:

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Safety Glasses with side shields.



SAFETY DATA SHEET
WHITE ROOF INSULATOR ADHESIVE

Section 9: Physical & Chemical Properties

Physical State:	liquid
Color:	Milky White
Specific Physical Form:	Emulsion
Odor:	Acrylate
Odor Threshold:	Not Available
pH:	<=4.5
Melting Point:	Not Available
Boiling Point:	>=212 °F
Flash Point:	Not Available
Evaporation Rate:	1 [Ref Std:WATER=1]
Flammability (solid, gas):	Not Available
Lower & Upper Flammability/Explosive Limits:	Not Available
Vapor Pressure:	18 mmHg [@ 68 °F]
Vapor Density:	<=1.0 [Ref Std:AIR=1]
Density:	0.99 g/ml
Solubility:	Moderate in Water
Partition coefficient: n- octanol/water:	Not Available
Auto-ignition Temperature:	Not Available
Decomposition Temperature:	Not Available
Viscosity:	200 - 3,000 centipoise [@ 73.4 °F]
Hazardous Air Pollutants	<=0.2 % weight [Test Method:Calculated]
Molecular weight	No Data Available
Volatile Organic Compounds	<=5 g/l [Details:EU VOC content (calculated)]
VOC Less H2O & Exempt Solvents	<=20 g/l [Test Method:calculated SCAQMD rule 443.1]
Solids Content	40 - 70 %



SAFETY DATA SHEET

WHITE ROOF INSULATOR ADHESIVE

Section 10: Stability & Reactivity

Reactivity:	This material may be reactive with certain agents under certain conditions - see the remaining headings in this section
Chemical Stability:	Stable.
Possibility of Hazardous Reactions:	Under normal conditions of storage, transport and use, hazardous reactions will not occur.
Conditions to Avoid:	Heat.
Incompatible materials:	Strong acids Strong oxidizing agents
Hazardous Decomposition Products:	Not applicable. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Refer to section 5.2 for hazardous decomposition products during combustion.

Section 11: Toxicology Information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

Acute Toxicity

Oral LD50:	No Data Available
Inhalation LC50:	No Data Available
Dermal LD50:	No Data Available
Skin Corrosion/Irritation:	No Data Available
Serious Eye Damage/Irritation:	No Data Available
Respiratory or Skin Sensitization:	No Data Available
Germ Cell Mutagenicity:	No Data Available
Reproductive Toxicity:	No Data Available
Teratogenicity:	No Data Available
Specific Target Organ Toxicity-Single Exposure:	No Data Available
Specific Target Organ Toxicity-Repeated Exposure:	No Data Available
Aspiration Hazard:	No Data Available

Carcinogenicity



SAFETY DATA SHEET

WHITE ROOF INSULATOR ADHESIVE

IARC: No Data Available
ACGIH: No Data Available
NTP: No Data Available
OSHA: No Data Available

Potential Health Effects: Inhalation: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
Ingestion: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Skin: Contact with the skin during product use is not expected to result in significant irritation.
Eyes: Contact with the eyes during product use is not expected to result in significant irritation.

Section 12: Ecological Information

Toxicity: No Data Available

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological and chemical fate information on this material and/or its components.

Section 13: Disposal Considerations

Disposal Methods: Dispose of contents/ container in accordance with the local/regional/national/international regulations.
Dispose of waste product in a permitted industrial waste facility. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

Disposal of packaging If packaging is clean, it can be taken for recycling. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations.

Waste code number: No Waste Code Number available.

Section 14: Transport Information

Not regulated.

These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging Delta transportation classifications are based on product formulation, packaging policies and understanding of applicable

