

# Safety Data Sheet

Supplied By: StaFast Building Products  
7095 Americana Parkway  
Reynoldsburg, Ohio 43068  
1-800-225-4714  
Trade Name: RoofKit White Membrane  
Waterbased Bonding Adhesive

Revision Number: 006.0

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *RoofKit White Membrane*  
Product type: *Waterbased Bonding Adhesive*  
Restriction of Use: None identified  
Company address:  
Henkel Corporation  
One Henkel Way  
Rocky Hill, Connecticut 06067

IDH number: 1353867  
Region: United States  
Contact information:  
Telephone: (860) 571-5100  
MEDICAL EMERGENCY Phone: Poison Control Center  
1-877-671-4608 (toll free) or 1-303-592-1711  
TRANSPORT EMERGENCY Phone: CHEMTREC  
1-800-424-9300 (toll free) or 1-703-527-3887  
Internet: www.henkelna.com

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

WARNING: MAY CAUSE AN ALLERGIC SKIN REACTION.  
CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
EYE IRRITATION	2A
SKIN SENSITIZATION	1

### PICTOGRAM(S)



### Precautionary Statements

**Prevention:** Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.

**Response:** IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Wash contaminated clothing before reuse.

**Storage:** Not prescribed

**Disposal:** Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Kaolin	1332-58-7	5 - 10
Vinyl acetate	108-05-4	0.1 - 1

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Triethanolamine	102-71-6	0.1 - 1
Ammonium hydroxide	1336-21-6	0.1 - 1

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	If symptoms develop and persist, get medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Move to fresh air.
<b>Skin contact:</b>	Wash affected area immediately with soap and water.
<b>Eye contact:</b>	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes.
<b>Ingestion:</b>	If symptoms develop and persist, get medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
<b>Symptoms:</b>	See Section 11.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	water, carbon dioxide, foam, powder
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Thermal decomposition can lead to release of irritating gases and vapors. Oxides of carbon.

#### 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

<b>Environmental precautions:</b>	Do not allow product to enter sewer or waterways.
<b>Clean-up methods:</b>	Small spills can be absorbed with vermiculite, clay or other suitable non-biodegradable absorbent material, scooped up and placed in containers. For large spills dike ahead and collect liquid.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep container closed. Do not breathe gas/fumes/vapor/spray. Wash thoroughly after handling.
<b>Storage:</b>	Keep containers closed when not in use. Store between 40°F and 100°F. (5° and 38°C).

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Kaolin	2 mg/m <sup>3</sup> TWA Respirable fraction.	15 mg/m <sup>3</sup> PEL Total dust. 5 mg/m <sup>3</sup> PEL Respirable fraction.	None	None
Vinyl acetate	10 ppm TWA 15 ppm STEL	None	None	None
Triethanolamine	5 mg/m <sup>3</sup> TWA	None	None	None
Ammonium hydroxide	None	None	None	None

**Engineering controls:**

Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

**Respiratory protection:**

No personal respiratory protective equipment normally required. Use a NIOSH approved respirator if ventilation is inadequate. Observe OSHA regulations for respirator use (29 CFR 1910.134).

**Eye/face protection:**

Safety goggles or safety glasses with side shields.

**Skin protection:**

Use impermeable gloves and protective clothing as necessary to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Off white
Odor:	Mild
Odor threshold:	Not available.
pH:	7 - 9
Vapor pressure:	18 mbar (20 °C (68°F))
Boiling point/range:	100 °C (212°F)
Melting point/ range:	0 °C (32°F)
Specific gravity:	1.0 - 1.2
Vapor density:	Heavier than air.
Flash point:	not applicable
Flammable/Explosive limits - lower:	Not applicable
Flammable/Explosive limits - upper:	Not applicable
Autoignition temperature:	Not applicable
Evaporation rate:	0.36 (Butyl acetate = 1)
Solubility in water:	Dispersible
Partition coefficient (n-octanol/water):	Not applicable
VOC content:	< 1.0 % (by weight)
Viscosity:	Not available.
Decomposition temperature:	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable at normal conditions.
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Thermal decomposition can lead to release of irritating gases and vapors.
<b>Incompatible materials:</b>	Keep away from strong oxidizing agents, strong Lewis or mineral acids.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Store away from incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Lungs, Ingestion, Eyes

**Potential Health Effects/Symptoms**

<b>Inhalation:</b>	Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.
<b>Skin contact:</b>	Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.
<b>Eye contact:</b>	May cause slight irritation to eyes on contact.
<b>Ingestion:</b>	Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Kaolin	Oral LD50 (RAT) = > 5,000 mg/kg Dermal LD50 (RAT) = > 5,000 mg/kg	Nuisance dust
Vinyl acetate	Oral LD50 (RAT) = 2,920 mg/kg Dermal LD50 (RABBIT) = 2,335 mg/kg Inhalation LC50 (RABBIT, 4 h) = 2500 ppm Inhalation LC50 (RABBIT, 4 h) = 2511 ppm Inhalation LC50 (RABBIT, 4 h) = 8800 ppm Inhalation LC50 (RAT, 4 h) = 3680 ppm	Central nervous system, Irritant, Mutagen, Some evidence of carcinogenicity
Triethanolamine	Oral LD50 (RAT) = 8.0 g/kg Dermal LD50 (RABBIT) = > 20,000 mg/kg	Irritant, Allergen
Ammonium hydroxide	Oral LD50 (RAT) = 350 mg/kg	Irritant, Corrosive

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Kaolin	No	No	No
Vinyl acetate	No	Group 2B	No
Triethanolamine	No	No	No
Ammonium hydroxide	No	No	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** This product is not a RCRA hazardous waste when discarded. Processing, use, or contamination of this product may change the hazard classification and waste management options. Follow all local, state, federal and provincial regulations for disposal.

**Hazardous waste number:** Not hazardous.

### 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

#### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

#### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

#### Water Transportation (IMO/MDG)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
**TSCA 12 (b) Export Notification:** None above reporting de minimis  
**CERCLA/SARA Section 302 EHS:** None above reporting de minimis  
**CERCLA/SARA Section 311/312:** Immediate Health, Delayed Health  
**CERCLA/SARA Section 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Vinyl acetate (CAS# 108-05-4).  
**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

#### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

### 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

**Prepared by:** Jennifer Altman, Sr. Regulatory Affairs Specialist

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