

Material Safety Data Sheet

Aqua Base™ 120 Bonding Adhesive

MSDS No. 307431

Date of Preparation: 09/01/2008

Revision: 003

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Aqua Base™ 120 Bonding Adhesive

Chemical Formula:

CAS Number:

Other Designations: Water Based Bonding Adhesive

General Use: Roof Contact Adhesive

Manufacturer: : Carlisle SynTec Incorporated, 1285 Ritner Highway, Carlisle, PA 17013, Phone: 800-4SYNTEC

Emergency Phone Number: CHEMTREC (USA) 800-424-9300

Section 2 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Warning – Causes skin irritation

Warning – Causes eye irritation

Warning – May cause respiratory irritation

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Potential Health Effects

Acute Effects

Inhalation: May cause respiratory irritation.

Eye: May cause eye irritation.

Skin: May cause transient skin irritation.

Ingestion: Unknown

Carcinogenicity: The Vinyl Acetate supplier reports that there is limited evidence of carcinogenicity of the monomer in animals (IARC group 2B)

Medical Conditions Aggravated by Long-Term Exposure: None currently known.

Chronic Effects: None currently known.

Section 3 – Ingredient Information

Hazardous Ingredients	CAS Number	% wt
Vinyl Acetate	108-05-4	<1% wt
Additional Ingredients	CAS Number	% wt
Hydrous Aluminum Silicate	1332-58-7	Non Hazardous

Section 4 - First Aid Measures

Inhalation: Remove to fresh air.

Eye Contact: Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. Obtain medical attention if irritation persists.

Ingestion: If swallowed, call Poison Control Center, Hospital Emergency Room or Physician immediately.

After first aid, get appropriate in-plant, paramedic, or community medical support.

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

Section 5 - Fire-Fighting Measures

Flash Point: Not applicable

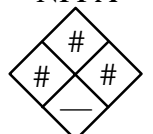
Autoignition Temperature: Not applicable

LEL: Not applicable

UEL: Not applicable

Flammability Classification: Not applicable

NFPA



Extinguishing Media: Will not burn
Unusual Fire or Explosion Hazards: None known
Hazardous Combustion Products: Will not burn
Fire-Fighting Instructions: No special Fire-Fighting instructions.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Confine in small area; use absorbent to clean up. Place in container for disposal.
Cleanup: Dispose in accordance with Federal, State and Local Regulations.

Section 7 - Handling and Storage

Handling Precautions: Protect from freezing. Close container after each use. Keep away from children.
Storage Requirements: Protect from freezing.
Regulatory Requirements: None

Section 8 - Exposure Controls / Personal Protection

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Vinyl Acetate	10 ppm 30 mg/m ³	20 ppm 60 mg/m ³	10 ppm 30 mg/m ³	20 ppm 60 mg/m ³	None estab.	none estab.	none estab.
Hydrous Aluminum Silicate	none estab.	none estab.	15 mg/m ³	none estab.	None estab.	none estab.	none estab.

Engineering Controls:

Ventilation: Natural ventilation should be adequate under normal conditions.

Administrative Controls:

Respiratory Protection: Proper selection of respiratory protection depends upon many factors including duration and level of exposure and conditions of use. In general, exposure to organic chemicals such as those contained in this product may not require the use of respiratory protection if used in well ventilated areas. In areas of restricted ventilation a NIOSH approved Organic Vapor Respirator may be required. Under certain conditions, such as spraying, a mechanical prefilter may also be required. In confined areas or in high exposure situations a NIOSH/MSHA approved Air Supplied Respirator may be required. If the TLV's or PEL's listed in Section 2 are exceeded use a properly fitted NIOSH/MSHA approved respirator with an appropriate protection factor. Refer to OSHA 29 CFR 1910.134 "Respiratory Protection", and "Respiratory Protection A Manual and Guideline, American Industrial Hygiene Association".

Eye Protection: Wear safety spectacles with side shields. Wear face shield as necessary when spraying.

Protective Clothing/Equipment: Not likely to be needed.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Liquid
Appearance and Odor: White, mild odor
Odor Threshold:
Vapor Pressure:
Vapor Density (Air=1): Heavier than air
Formula Weight: 8.8 lbs./gal.
Density: N/A
Specific Gravity (H₂O=1, at 4°C/39°F): 1.1
VOC: 7 gpl less water

Water Solubility:
Other Solubilities:
Boiling Range: 162°F (72°C) to 446°F (230°C)
Freezing/Melting Point: 32°F (0°C)
Viscosity:
Refractive Index:
Surface Tension:
% Volatile: 56
Evaporation Rate: Slower than diethyl ether
Flash Point: Not applicable
Autoignition Temperature: Not applicable
LEL: Not applicable
UEL: Not applicable

Section 10 - Stability and Reactivity

Stability: Normally stable.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Chemical Incompatibilities: None know.

Conditions to Avoid: None know.

Hazardous Decomposition Products: Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide.

Section 11- Toxicological Information

Toxicity Data:

No information available.

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

Disposal: See Section 6.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Shipping Name:	Packaging Authorizations	Quantity Limitations
Shipping Symbols:	a) Exceptions:	a) Passenger, Aircraft, or Railcar:
Hazard Class: Adhesives, Not Regulated	b) Non-bulk Packaging:	b) Cargo Aircraft Only:
ID No.:	c) Bulk Packaging:	Vessel Stowage Requirements
Packing Group: DOT (HM-181)		a) Vessel Stowage:
Label:		b) Other:
Special Provisions (172.102):		

Section 15 - Regulatory Information

All ingredients in this product are listed on the U.S. TSCA Inventory.

Ingredient	CAS #	Detail Inventory List Information
Vinyl Acetate	108-05-4	TSCA (8d) DSL
Hydrous Aluminum Silicate	1332-58-7	TSCA NDSL

Detail Inventory List Description

TSCA/Toxic Substances Control Act
(8d) Health and Safety Reporting Rules
DSL/Canadian Domestic Substance List
NDSL/Canadian Non-Domestic Substance List

Section 16 - Other Information

Prepared By: Research and Development

Revision Notes: General Review – Format Changes

Additional Hazard Rating Systems:

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