



GLOBAL ADHESIVES, LLC.
2800 SWEETWATER AVE
UNIT A105
LAKE HAVASU CITY, AZ. 86406
PHONE # 800-331-7724

Material Safety Data Sheet

#WDT-32 WHITE ACRILIC PVA

CONTACT ADHESIVE

1. Product and company identification

Address : Franklin International
2020 Bruck Street
Columbus OH 43207

Contact person : Franklin Technical Services Covinax 370-01

Telephone : (800) 877-4583

In case of emergency : Franklin Security
(614) 445-1300

Reference number : 2120

Product code : 21207

Date of revision : 3/2/2012.

Print date : 4/12/2012.

Chemtrec (24 Hour) : (800) 424 - 9300

Chemtrec International : (703) 527 - 3887

Chemical family : Adhesive.
Vinyl Acrylic Emulsion

2. Hazards identification

Emergency overview

Physical state : Liquid.

Color : White.

Odor : Acrylic. [Slight]

Signal word : CAUTION!

Hazard statements : MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION.
POSSIBLE CANCER HAZARD - CONTAINS MATERIAL WHICH MAY CAUSE
CANCER.

Precautionary measures : Do not handle until all safety precautions have been read and understood. Obtain
special instructions before use. Do not ingest. Avoid contact with eyes, skin and
clothing. Use personal protective equipment as required. Wash thoroughly after
handling.

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard
(29 CFR 1910.1200).

Routes of entry : Eye contact. Inhalation. Ingestion.

Potential acute health effects

Inhalation : Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.
No known significant effects or critical hazards.

Ingestion : Harmful if swallowed.

Skin : Slightly irritating to the skin. Prolonged or repeated contact can defat the skin and lead
to irritation, cracking and/or dermatitis.

Eyes : Moderately irritating to eyes. This product may irritate eyes upon contact.

Potential chronic health effects

Chronic effects : No known significant effects or critical hazards.

2. Hazards identification

Carcinogenicity : Contains material which may cause cancer. Risk of cancer depends on duration and level of exposure.

3. Composition/information on ingredients

United States

Name	CAS number	%
Nonylphenol, branched, ethoxylated vinyl acetate	68412-54-4 108-05-4	1 - 5 0.5 - 1

Canada

Name	CAS number	%
Nonylphenol, branched, ethoxylated vinyl acetate	68412-54-4 108-05-4	1 - 5 0.5 - 1

Mexico

Name	CAS number	UN number	%	IDLH	Classification			
					H	F	R	Special
Nonylphenol, branched, ethoxylated	68412-54-4	Not available.	1 - 5	-	2	0	0	-

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
- Skin contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
- Inhalation** : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
- Ingestion** : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Flammability of the product : In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

5. Fire-fighting measures

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Small spill** : Stop leak if without risk. Move containers from spill area. Dispose of via a licensed waste disposal contractor. Absorb with an inert material.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Store between the following temperatures: 10 to 32°C (50 to 89.6°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

United States

Ingredient	Exposure limits
vinyl acetate	<p>ACGIH TLV (United States, 2/2010). TWA: 10 ppm 8 hour(s). TWA: 35 mg/m³ 8 hour(s). STEL: 15 ppm 15 minute(s). STEL: 53 mg/m³ 15 minute(s).</p> <p>OSHA PEL 1989 (United States, 3/1989). TWA: 10 ppm 8 hour(s). TWA: 30 mg/m³ 8 hour(s). STEL: 20 ppm 15 minute(s). STEL: 60 mg/m³ 15 minute(s).</p> <p>NIOSH REL (United States, 6/2009). CEIL: 4 ppm 15 minute(s).</p>

8. Exposure controls/personal protectionCEIL: 15 mg/m³ 15 minute(s).**Canada**

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			Notations
Ingredient	List name	ppm	mg/m³	Other	ppm	mg/m³	Other	ppm	mg/m³	Other	
vinyl acetate	US ACGIH 2/2010	10	35	-	15	53	-	-	-	-	
	AB 4/2009	10	35	-	15	53	-	-	-	-	
	BC 9/2010	10	-	-	15	-	-	-	-	-	
	ON 7/2010	10	35	-	15	53	-	-	-	-	
	QC 6/2008	10	35	-	15	53	-	-	-	-	

Mexico**Occupational exposure limits**

No exposure limit value known.

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Hands** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eyes** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

9. Physical and chemical properties

- Physical state** : Liquid.
- Flash point** : Closed cup: >93°C (>199.4°F) [Product does not sustain combustion.]
- Color** : White.
- Odor** : Acrylic. [Slight]
- pH** : 4.5
- Boiling/condensation point** : 100°C (212°F)
- Relative density** : 1.03
- Volatility** : 48% (w/w)

9. Physical and chemical properties

- Evaporation rate : <1 (butyl acetate = 1)
 Dispersibility properties : Dispersible in the following materials: cold water and hot water.

10. Stability and reactivity

- Chemical stability : The product is stable.
 Conditions to avoid : No specific data.
 Incompatible materials : No specific data.
 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.
 Hazardous polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur.
 Incompatibility : Reactive or incompatible with the following materials: acids and alkalis.

11. Toxicological information

United States

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
vinyl acetate	LC50 Inhalation Vapor	Rat	11400 mg/m ³	4 hours
	LD50 Dermal	Rabbit	2335 mg/kg	-
	LD50 Oral	Rat	2900 mg/kg	-

Chronic toxicity

No known significant effects or critical hazards.

Irritation/Corrosion

Conclusion/Summary

- Skin** : Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Eyes : This product may irritate eyes upon contact.
Respiratory : Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.

Sensitizer

No known significant effects or critical hazards.

Carcinogenicity

Classification

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
vinyl acetate	A3	2B	-	-	-	-

Mutagenicity

No known significant effects or critical hazards.

Teratogenicity

No known significant effects or critical hazards.

Reproductive toxicity

No known significant effects or critical hazards.

Canada

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure

11. Toxicological information

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vinyl acetate	A3	2B	-	-	-	-

Mutagenicity

No known significant effects or critical hazards.

Teratogenicity

No known significant effects or critical hazards.

Reproductive toxicity

No known significant effects or critical hazards.

Mexico**Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Not available.				

No known significant effects or critical hazards.

Chronic toxicity

No known significant effects or critical hazards.

Irritation/Corrosion**Conclusion/Summary**

- Skin** : Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
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- Respiratory** : Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.

Sensitizer

No known significant effects or critical hazards.

Carcinogenicity