



SDS: TCP 3054
Revision Date: 4/09/2014

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: High Performance Wood Adhesive
Synonyms: None
Chemical Family: Vinyl Acetate Polymer Dispersion
Molecular Formula: NA
Molecular Weight: NA

Tailored Chemical Products, Inc., USA For Product Information call 828-322-6512. Emergency Phone: For emergency involving spill, leak, fire, exposure or accidents call 1-800-255-3924.

End Use:
Industrial use

2. Hazards identification

Emergency Overview

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200)

Product Description

Appearance

Form liquid
Odor sweet
Color white

Potential health effects

Routes of exposure Skin, eyes, ingestion

Immediate effects

Skin Prolonged skin contact may cause skin irritation.

Eyes May cause eye irritation

Ingestion May cause gastrointestinal irritation.

3. Composition/information on ingredients

Components	CAS-No	Percent %
Polyvinyl Acetate Polymer		45 - 55
Water	7732-18-5	45 - 55

4. First aid measures



General Information

Remove contaminated, soaked clothing immediately and dispose of safely.

Skin

Wash off with soap and water. If symptoms persist, call a physician.

Eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Ingestion

If swallowed, seek medical advice immediately and show this container or label. If conscious, drink plenty of water. Do not induce vomiting without medical advice.

5. Fire-fighting measures

Suitable extinguishing media

The product in solution form does not burn. The product will burn only after the water it contains is driven off. For dry polymer, use alcohol resistant foam, carbon dioxide (CO₂) or dry chemical.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for firefighting if necessary.

Other Information

This is a water-based product and presents no particular fire or explosion hazard

6. Accidental release measures

Personal precautions

Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

Environmental precautions

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Dispose of in accordance with local regulations.

7. Handling and storage

Handling

Advice on safe handling



Product may contain hazardous volatile ingredients which could accumulate in the unvented headspace of drums or containers. Open containers in ventilated area. Do not breathe vapor. During longer storage small amounts of carbon monoxide may form. To the best of our knowledge, no OEL (occupational exposure limit) is exceeded during the intended use. Containers/tanks may only be entered after thoroughly executed ventilation while considering national regulations and international standards for inspection of containers/tanks. In any case of doubt a measurement of the CO concentration is necessary.

Protection - fire and explosion:

No special protective measures against fire required.

Storage

Technical measures/Storage conditions

Keep tightly closed in a dry and cool place. No special technical protective measures required.

Material storage

Protect from frost. To maintain product quality, do not store in heat or direct sunlight. Keep at temperatures between 5 and 35 °C (40 and 95 F).

Incompatible products

Materials that react with water

8. Exposure controls / personal protection

OSHA Exposure Limits

ACGIH Exposure Limits

No exposure limits established.

Mexico National Exposure Limits

No exposure limits established

Exposure controls

Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Protective equipment

A safety shower and eyebath should be readily available.

General advice

Avoid contact with skin and eyes.

Skin protection:

Wear impervious clothing and gloves when there is a reasonable chance for skin contact.

Eye/face protection:

Safety glasses with side shields.

9. Physical and chemical properties

Appearance

Form liquid



Color	white
Odor	sweet
Melting point/range	0°C
Boiling Point	100 °C (212°F)
Density	0.95 - 1.1 g/ml @ 25°C
Bulk Density	9 lbs/gal
pH	4.7 - 6.0
Viscosity	<10,000 cPs
Specific Gravity	1.0804
Vapor pressure	24 hPa @ 20°C
Water solubility	miscible
Remarks	The product was not tested for properties not listed on the MSDS.

10. Stability and reactivity

Reactivity

Stable under recommended storage conditions

Conditions to avoid

Do not freeze

Incompatible Materials

Materials that react with water

Possibility of hazardous reactions

No hazards to be especially mentioned.

11. Toxicological information

Toxicological data are not available. Observe the usual hygienic measures for handling chemicals.

12. Ecological information

Eco toxicological data are not available. According to experience, the material has no harmful effect on the environment.

13. Disposal considerations

Disposal considerations

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste.

14. Transport information

US Department of Transportation Not regulated



TDG Not regulated

Mexico Transport Information Not regulated

ICAO/IATA Not restricted

IMDG Not regulated

15. Regulatory Information

US State Regulations

Chemicals associated with the product which are subject to the state right-to-know regulations are listed along with the applicable state(s):

None

U.S. FEDERAL REGULATIONS

TSCA Inventory

This product complies with the U.S. Toxic Substances Control Act (TSCA).

SARA 313 Chemicals

Contains no substances at or above the reporting threshold under Section 313.

CANADIAN REGULATIONS

WHMIS Classification:

Not a WHMIS controlled product.

All components are listed on the Canadian Domestic Substance List (DSL)

16. Other information

Sources of key data used to compile the datasheet

Information contained in this safety data sheet is based on Southern Resin data and public sources deemed valid or acceptable. The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available.

Other Information:

Traces of residual monomers can be found in the product:

Vinyl acetate

For industrial use only.

The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. Southern Resin makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials.



This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards.

Abbreviation and Acronym:

ADR = Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning

the International Carriage of Dangerous Goods by Road)

CAS = Chemical Abstracts Service (division of the American Chemical Society)

CLP = Classification, Labelling and Packaging

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

ICAO = International Civil Aviation Organization

IMDG = International Maritime Code for Dangerous Goods

LD50 = Lethal Dose

LC50 = Lethal Concentration

RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations

Concerning the International Transport of Dangerous Goods by Rail)

R-Phrases = Risk Phrases

S-Phrases = Safety Phrases