

# MSDS Material Safety Data Sheet

Ralph Wilson Plastics Company

MSDS Number: 19959  
Page 1 of 4

PVA Wood Glue Series

Revision Date: 04/20/15  
Revision No: 4

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Common Name:** PVA Wood Glue Series  
**Includes:** 10 Adhesive  
20 Adhesive  
Type II Adhesive

**Manufacturer:** RALPH WILSON PLASTICS COMPANY  
P. O. BOX 6110 – 2400 WILSON PLACE  
TEMPLE, TX 76503  
INFORMATION PHONE: 800-433-3222 (USA)

**Trade Name:** PVA Wood Glue

**Material Uses:** Adhesive for laminate

**In Case of Emergency Contact CHEMTREC:** 800-424-9300 (USA)  
703-527-3887 (INTERNATIONAL)

## 2 HAZARDS IDENTIFICATION

**Route of Entry:** Skin, eyes, inhalation, ingestion.

**Target Organs:** None.

**Skin Contact:** May cause skin irritation. Preexisting skin conditions may be aggravated by exposure to this material

**Eye Contact:** May cause eye irritation.

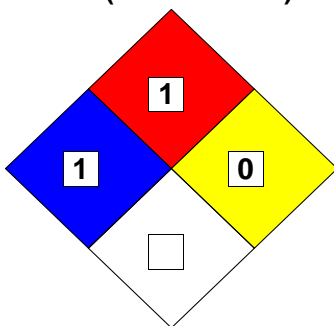
**Inhalation:** Breathing vapors may cause irritation to the respiratory tract. Preexisting respiratory conditions may be aggravated by exposure to this material.

**Ingestion:** Not an expected route of entry. If ingested it may cause irritation to the gastro-intestinal tract.

HMIS (United States):	
HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPE	B

**NFPA (United States):**

**WHMIS (Canada):** Not Classified as hazardous



## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by Weight
Vinyl Acetate Polymers (Type II)	Not Applicable	40 – 70
Vinyl Acetate Polymers (10, 20)	9003-20-7	40 – 70
Water (10, 20, Type II)	7732-18-5	30 – 60
Polyvinyl Alcohol (10, 20)	25213-24-5	3 – 7
Aromatic Diester (10, 20)	NJTSRN 990011	1 – 5
Aluminum Chloride (Type II)	7446-70-0	0.5 – 1.5

**4 FIRST AID MEASURES**

**Skin Contact:** Remove contaminated clothing and wash affected areas with soap and water. If irritation develops, seek medical attention.

**Eye Contact:** Flush eyes with water for 15 minutes. Remove contact lenses prior to water flush. Seek medical attention.

**Inhalation:** Remove patient to fresh air. If patient is having difficulty breathing, seek immediate medical attention. If not breathing, clear airway and start mouth-to-mouth artificial respiration (or use bag-mask respirator). Seek immediate medical attention.

**Ingestion:** DO NOT induce vomiting. Seek immediate medical attention. DO NOT give anything by mouth to an unconscious person.

**5 FIRE FIGHTING MEASURES**

**Flash Point:** Not Applicable.

**Flash Point Method:** Not Applicable.

**Autoignition Temp.:** Not Applicable.

**Burning Rate:** Material is not flammable.

**Flammability Classification:** Combustible Liquid Class IIIB. Dry adhesive will burn.

**Firefighting Equipment:** Use self-contained breathing apparatus (SCBA) with a full-face piece and pressure demand or other positive-pressure mode and protective gear appropriate for surrounding materials. In case of fire, use water, dry chemical, CO<sub>2</sub>, or alcohol foam extinguishing media.

**Hazardous Products of Combustion:** Carbon Oxides (CO and CO<sub>2</sub>), Aldehydes, Acetic Acid, Sulfur Oxides, Chlorine, Hydrogen Chloride, and various Hydrocarbons.

**6 ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Wear appropriate PPE. Make sure area is well ventilated. Spilled adhesive may be slippery.

**Environmental Precautions:** Keep out of sewers and drains.

**Clean-Up Methods:** Dike and contain spill. Absorb spilled product with vermiculite, dry sand, or earth. Place in a suitable non-leaking container and tightly seal for disposal.

**7 HANDLING AND STORAGE**

**Handling Precautions:** Wear appropriate PPE. If used indoors, make sure to provide adequate ventilation to prevent vapor build-up. Avoid breathing of vapors.

**Storage Requirements:** Store in a cool, dry, well-ventilated area. Avoid freezing temperatures. Minimize contact with atmospheric air to prevent inoculation with microorganisms.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** Use in a well ventilated area. Ensure that a working eyewash and safety shower are in the work area.

**Protective Equipment:** Wear safety glasses with side shields, and neoprene or rubber gloves.

**Exposure Guidelines / Other:**

**Product Name**

**Exposure Limits**

Aluminum Chloride (7446-70-0)

ACGIH TLV: TWA 2 mg/m<sup>3</sup> (as soluble salt)

Consult local authorities and local regulations for exposure limits.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Liquid – color varies by adhesive grade.

**Physical State:** Liquid

**Odor:** Mild sweet

**Autoignition Temp.:** Not Applicable

**Boiling Point:** Similar to water

**Composite Partial Pressure:** Not Applicable

**Flash Point:** Not Applicable  
**Freezing / Melting Point:** Similar to water  
**Molecular Weight:** Not Applicable  
**Percent Volatile:** Not Available  
**pH:** 4 – 5 (10 & 20); 2.9 – 3.1 (Type II)  
**Solubility:** Soluble in Water  
**Specific Gravity / Density:** 1.07 – 1.10 (10, 20); 1.07 – 1.09 (Type II)  
**Vapor Density:** Equivalent to water  
**Vapor Pressure:** Equivalent to water  
**VHAP:** Not Applicable  
**VOC:** < 20 g/L  
**Viscosity:** ~ 5600 cP (10); ~ 4750 cP (20); ~ 4900 cP (Type II)

## 10 STABILITY AND REACTIVITY

**Stability:** Product is stable as supplied.  
**Conditions to Avoid:** Freezing and boiling temperatures.  
**Materials to Avoid (Incompatibility):** Strong acids, bases, oxidizers, and reducing agents. Copper and copper alloys.  
**Hazardous Decomposition Products:** Carbon Oxides (CO and CO<sub>2</sub>), Aldehydes, Acetic Acid, Sulfur Oxides, Chlorine, Hydrogen Chloride, and various Hydrocarbons.  
**Hazardous Polymerization:** Will not polymerize.

## 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity to Animals:**  
Aluminum Chloride (CAS 7446-70-0) Oral LD50 = 370 mg/kg (rat).  
Dermal LD50 > 2000 mg/kg (rabbit).  
Polyvinyl Alcohol (CAS 25213-24-5) Inhalation 1 hour LC50 > 20 mg/m<sup>3</sup> (rat).  
Oral LD50 > 5000 mg/kg (rat).  
**Chronic Toxicity to Animals:** No additional information.  
**Acute Toxicity to Humans:** No additional information.  
**Chronic Toxicity on Humans:** No additional information.  
**Carcinogenic Effects:** No additional information.  
**Mutagenic Effects:** No additional information.  
**Teratogenic Effects:** No additional information.  
**Developmental Toxicity:** No additional information.

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** Not Available. Not expected to be ecotoxic.  
**BOD5 and COD:** Not Available.  
**Biodegradable / OECD:** Not Available.  
**Mobility:** Not Available.  
**Toxicity of the Products of Biodegradation:** Not Available.  
**Special Remarks on the Products of Biodegradation:** Not Available.

## 13 DISPOSAL CONSIDERATIONS

Absorb spilled product with vermiculite, dry sand, or earth and allow to solidify. Dispose of solid material in a suitable container.

Dispose of in accordance with Federal, State, and local regulations.

## 14 TRANSPORT INFORMATION

**Restrictions:** None known.  
**DOT Requirements:** Not a DOT controlled material (United States).

**DOT Classification:** Adhesive Resin Compound.

**Markings:** None.

**Packaging Requirements:** Keep from freezing.

**ADR Requirements:** Not an ADR controlled material (Europe).

**IMDG Requirements:** Not an IMDG controlled material.

**IATA Requirements:** Not an IATA controlled material.

**Marine Pollutant:** Not expected to be a marine pollutant.

15

**REGULATORY INFORMATION****U.S. Federal Regulations**

Chemical (& CAS Number)	SARA 302 (EHS)TPQ	SARA 304 (EHS)Rq	SARA 313 <i>de minimis</i>	CERCLA Rq	CAA 112(r) TQ	RCRA Code
None						

All quantities in pounds

**State Regulations**

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Aluminum Chloride (CAS 7446-70-0)		X		X	X	X

**International Regulations**

**DSL (Canada):** The chemicals in this product are listed.

**EINECS:** The chemicals in this product are listed.

**WHMIS:** Not classified as hazardous.

16

**OTHER INFORMATION**

**Changes to this Revision:** Section 3-Composition and Section 15-Regulatory.

**Prepared by:** Environmental, Health, and Safety Department, Wilsonart LLC.

Telephone: 254-207-7000 Internet: [www.wilsonart.com](http://www.wilsonart.com)

**Notice to Reader**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

**END OF MSDS DOCUMENT**