

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)
PVA Resin AYAF

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name Museum Services Corporation	Emergency Telephone Number 651-450-8954
Address (Number, Street, City, State and ZIP Code) 385 Bridgepoint Way South Saint Paul, MN 55075	Telephone Number for Information 651-450-8954
	Date Prepared 2/25/2020
	Signature of Preparer (optional)

Section II—Hazardous Identification

Physical State: Solid pellets

Odor: Little or none

Hazard classification

GHS Classification: Not classified as dangerous under EC/GHS Criteria

Canadian WHMIS Classification: None

Human Health Hazards: None

Physical Hazards: Nuisance dust.

Acute Health Effects

Route of Entry or Possible Contact: Eyes, skin, ingestion.

Eye contact: May cause slight irritation.

Skin Contact: May cause slight skin irritation.

Inhalation: No known respiratory hazards.

Ingestion: No known ingestion hazards. Ingestion is not expected in normal use.

Additional Information:

The toxicological evaluation is based on tests results with a similar product. The toxicological evaluation is based on experience during manufacture and/or on analogy to a similar product which has been tested.

Section III—Composition/Information on Ingredients

Component	CASRN	Concentration
Polyvinyl Acetate	9003-20-7	100%
Vinyl Acetate	108-05-4	<0.02%

This material does not contain any hazardous substance at or above OSHA and WHMIS reportable levels.

Section IV—First Aid Measures**General Information:**

Get medical attention if irritation or other symptoms occur. Before seeking medical attention, remove contaminated clothing and shoes. Take a copy of the SDS when going for medical treatment.

Swallowing

No special treatment needed.

Inhalation

No special treatment needed.

Skin

Wash with soap and water.

Eyes

If in contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 minutes.

Swallowing

No special treatment needed. Get medical attention if symptoms occur. Show label if possible.

Section V—Fire and Explosion Hazard Data

Flash point: Not applicable.

Extinguishing media – Use extinguishing measures appropriate to the source of the fire. Water spray, carbon dioxide, dry chemical or foam-type extinguishing media.

Unsuitable: Sharp water jet.

Special Exposure Hazards arising from the substance or preparation itself, combustion products, resulting gases:

At low oxygen level; acetic acid. Hazardous combustion products: carbon monoxide, carbon dioxide, and incompletely burnt hydrocarbons (in traces).

Special protective equipment for firefighters: In the event of fire, wear full clothing including a self-contained breathing apparatus.

Section VI—Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment.

Environmental precautions: Avoid runoff to sewers or waterways. Waste: Avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

Methods and materials for containment and cleaning up: Take up mechanically and dispose of according to local/state/federal regulations.

Section VII—Handling and Storage

Precautions for safe handling: Avoid dust formation.

Precautions against fire and explosion: General room ventilation is expected to be satisfactory for use at room temperature. Fine dust may form explosive mixture with air. Keep away from open flames, heat and sparks. Avoid dust deposit, remove dust regularly. Do not remove shrink film in hazardous locations (because of risk of static charging/discharge). Take precautionary measures against static discharge.

Conditions for safe storage: Observe cautionary measures against dust explosion. Max temperature during storage/transport: 68 degrees F (20 degrees C)

Section VIII—Exposure Control /Personal Protection

Respiratory Protection (*Specify Type*) None expected to be needed. Use with adequate ventilation.

Engineering Controls: No engineering limits have been established.

Environmental Exposure Controls: Provide eye bath and safety shower.

Protective Gloves: Any liquid-tight rubber or vinyl gloves.

Eye Protection: Safety glasses with side shields or chemical safety goggles.

Skin Protection: Not normally required.

Section IX—Physical and Chemical Properties**Appearance**

Physical state Solid

Color clear/water white

Odor None expected

Odor Threshold no data available

Flash Point – Not available.

Auto Ignition Temperature: Not available

Flammable limits: Not available

pH: Not available

Boiling/Condensation point: Not available

Melting point: 48-50 degrees C (118-112 degrees F)

Upper Explosion Limits: Not available

Lower Explosion Limits: Not available

Solubility in Water: virtually insoluble

Solubility in Organic Solvents: Soluble

Thermal Decomposition: >220 degrees C (>428 degrees F)

NOTE: The physical data presented above are typical values and should not be construed as a specification.

Section X—Stability and Reactivity

Stability: Stable

Conditions to avoid: None known

Hazardous Decomposition Products: If stored properly none known, At increased temperature; acetic acid.

Hazardous Polymerization: Will not occur.

Section XI—Toxicological Information

Toxicological information appears in this section when such data is available.

General

Toxicological testing has been conducted with similar products.

Acute Toxicity Assessment:

Based on the available data, acute toxic effects are not expected after single oral exposure.

Skin corrosion/irritation Assessment:

Based on the available data, a clinically relevant skin irritation is not expected.

Serious eye damage/eye irritation Assessment:

Based on the available data, a clinically relevant eye irritation is not expected.

Respiratory or Skin sensitization Assessment:

Based on the available data, a sensitization reaction is not expected from this product.

Carcinogenicity Assessment:

No data available

Reproductive Toxicity Assessment:

No data available

Specific Target Organ toxicity (single exposure) Assessment:

No data available

Specific Target Organ toxicity (repeated exposure) Assessment:

In animal experiments with repeated exposure no effects with relevance to humans were observed.

Aspiration Hazard Assessment:

Based on the physical/chemical properties of the product, no aspiration hazard must be expected.

Further Toxicological Information:

Vinyl Acetate is identified with IARC as a potential carcinogen. This product may contain trace amounts of vinyl acetate. Lifetime exposure to high vapor concentrations (600 PPM) of vinyl acetate caused malignant and benign tumors of the respiratory tracts of rats but not mice. This response possibly is associated with the irritant effect. Vinyl acetate has been tested for carcinogenic potential in rats in two separate drinking water studies. In one study in which animals were exposed to concentrations up to 0.5% in water, there was no evidence of carcinogenicity. In the second study, conducted at higher concentrations (up to 1% in water), evidence of cancer in the stomach and oral cavities was observed. There is no evidence that vinyl acetate has caused cancer in humans. There should be minimal risk when used with adequate ventilation to keep the atmospheric concentration of vinyl acetate below the recommended exposure limit. Male rats receiving vinyl acetate at high concentrations in drinking water (0.5%) for two generations possibly demonstrated a decreased ability to produce offspring.

Section XII—Ecological Information

Ecotoxicological information appears in this section when such data is available.

General Information

Ecotoxicological testing has been conducted with similar products.

Persistence and Degradability Assessment:

Polymer component. Not readily biodegradable. Elimination by adsorption to activated sludge. Separation by flocculation is possible.

Bioaccumulative potential assessment:

No adverse effects expected.

Mobility in soil assessment:

No adverse effects expected.

Other adverse effects:

none known.

Section XIII—Disposal Considerations

Dispose of in accordance with local, state, and federal regulations or incinerate.

Packaging Disposal: Completely discharge containers; Containers may be recycled or re-used.

Section XIV—Transport Information

US DOT and Canada TDG surface:

Valuation – not regulated for transport.

Transport by Sea IMDG – Code

Not regulated for transport.

Air Transport by ICAO-TI/IATA – DGR

Not regulated for transport.

Section XV—Regulatory Information

CERCLA: Hazardous substances.:

Vinyl Acetate CAS 105-05-4

Amount: < = 0.02%

HCS Classification : Not regulated

U.S. Federal regulations United States inventory (TSCA 8b): All components are listed or in compliance with the requirements of the TSCA Chemical Substance Inventory.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Section XVI—Other Information

Hazard Rating System

HMIS

Health	Flammability	Physical Hazard
0	1	0

Revision

Version: 1.0

Information Source and References

This SDS is from information supplied by internal references within our company.

Museum Services Corporation urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that their activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer specific SDSs, we are not and cannot be responsible for SDSs obtained from any other sources. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.