



# MATERIAL SAFETY DATA SHEET

FOR INDUSTRIAL USE ONLY

DESCRIPTION: SEACO 5-1057

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## 1. Chemical Product and Company Identification

DESCRIPTION: **SEACO 5-1057**  
PRODUCT CODE: 344518  
PRODUCT TYPE: Liquid PVAC Adhesive  
APPLICATION: Moulding and Millwork

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### Manufacturer/Supplier Information

MSDS prepared by:  
Hexion Specialty Chemicals, Inc.  
155 West A Street, Bldg. A-1  
Springfield, OR  
97477

**For Emergency Medical Assistance**  
Call Health & Safety Information Services  
1-866-303-6949

For additional health and safety or regulatory information, call (541)744-3256.

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## 2. Hazards Identification

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### 2.1 Emergency Overview

Appearance  
Odor

Tan Liquid  
Slight acetic

#### CAUTION!

May cause eye irritation.

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### HMIS Rating

HEALTH = 1 (slight)  
FLAMMABILITY = 0 (minimal)  
REACTIVITY = 0 (minimal)  
CHRONIC = \*

*HMIS® ratings involve data interpretations that may vary from company to company. They are intended only for the rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.*

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### 2.2 Potential Health Effects

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#### Immediate Hazards

INGESTION:	No hazards known to company.
INHALATION:	Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs.
SKIN:	May cause irritation on prolonged or repeated contact.
EYES:	May cause irritation on prolonged or repeated contact.

### Delayed Hazards

#### **1332-58-7      Kaolin**

Chronic inhalation has resulted in benign pneumoconiosis. Pre-existing respiratory disorders may be aggravated by exposure.

-- See Footnote at end of section

#### **14808-60-7      Quartz (SiO<sub>2</sub>)**

CANCER HAZARD. Can cause cancer. Use of this product may generate silica dust (which may be invisible). Inhaled silica has been listed by NTP and classified by IARC as a human carcinogen.

Footnote: As of the date of issuance of this document, this material has not been listed by NTP, classified by IARC nor regulated by OSHA as a carcinogen.

## 3. Composition, Information on Ingredients

The ingredients listed below have been associated with one or more immediate and/or delayed(\*) health hazards. Risk of damage and effects depends upon duration and level of exposure. BEFORE USING, HANDLING, OR EXPOSURE TO THESE INGREDIENTS, READ AND UNDERSTAND THE MSDS.

		% by weight
<b>9005-25-8</b>	<b>Starch</b>	<b>10.0 - 30.0</b>
<b>1332-58-7</b>	<b>*Kaolin</b>	<b>1.0 - 5.0</b>
<b>14808-60-7</b>	<b>*Quartz (SiO<sub>2</sub>)</b>	<b>0.1 - 1.0</b>

*Any applicable Canadian trade secret numbers will be listed in Section 15.2.*

## 4. First Aid Measures

<b>INGESTION:</b>	If accidentally swallowed, dilute by drinking large quantities of water. If the individual is drowsy or unconscious, do not give anything by mouth. Immediately contact poison control center or hospital emergency room for advice on whether to induce vomiting or for any other additional treatment directions.
<b>INHALATION:</b>	Remove to fresh air.
<b>SKIN:</b>	In case of irritation, flush with water.
<b>EYES:</b>	Immediately flush eyes with plenty of water. Call a physician if irritation persists.

## 5. Fire Fighting Measures

Suitable Extinguishing Media: In case of fire, use water spray, dry chemical, foam or CO<sub>2</sub>. Use water to keep fire-exposed containers cool.

Will not burn.

## 6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. For large spills, use water spray to disperse vapors and flush spill area. Prevent runoff from entering waterways or sewers. Use appropriate Personal Protective Equipment (PPE).

## 7. Handling and Storage

### 7.1 Handling

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling. Always use appropriate Personal Protective Equipment (PPE).

**INHALATION:** Avoid prolonged or repeated breathing of vapor.

**SKIN:** Avoid prolonged or repeated contact with skin and clothing.

**EYES:** Avoid prolonged or repeated contact with eyes.

### 7.2 Storage

Keep from freezing.

Do not store near strong oxidizing chemicals.

Store in a tightly closed container.

## 8. Exposure Controls/Personal Protection

### 8.1 Exposure Guidelines

9005-25-8		Starch	
ACGIH TLV	8-hr TWA	10 mg/m <sup>3</sup>	
OSHA PEL	8-hr TWA	5 mg/m <sup>3</sup>	respirable particulate
	8-hr TWA	15 mg/m <sup>3</sup>	total dust
1332-58-7		Kaolin	
ACGIH TLV	8-hr TWA	2 mg/m <sup>3</sup>	respirable fraction
OSHA PEL	8-hr TWA	5 mg/m <sup>3</sup>	respirable fraction
	8-hr TWA	15 mg/m <sup>3</sup>	total dust
	Remanded TWA	5 mg/m <sup>3</sup>	respirable fraction
	Remanded TWA	10 mg/m <sup>3</sup>	total dust; 1989 PEL remanded, but in effect in some states
14808-60-7		Quartz (SiO <sub>2</sub> )	
ACGIH TLV	8-hr TWA	0.025 mg/m <sup>3</sup>	respirable fraction; A2 - Suspected Human Carcinogen
OSHA PEL	8-hr TWA	10/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup>	respirable dust
	8-hr TWA	30/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup>	total dust
	Remanded TWA	0.1 mg/m <sup>3</sup>	respirable dust; 1989 PEL

NIOSH

8-hr TWA

0.05 mg/m<sup>3</sup>

remanded, but in effect in some states  
Respirable; Refer to NIOSH publications including Criteria Document for Crystalline Silica

## 8.2 Exposure Controls

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

## 8.3 Personal Protection

Where air contaminants can exceed acceptable criteria, use NIOSH (42 CFR Part 84) approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection. Use goggles if contact is likely. Wear impervious gloves as required to prevent skin contact.

## 9. Physical and Chemical Properties

Appearance	Tan Liquid
Odor	Slight acetic
Odor threshold	Not available
pH	4.0 - 4.8 @25 °C (77 °F)
Boiling point, 760 mm Hg	Approx. 100 °C (212 °F)
Flash point	Not applicable
Evaporation rate	Less than 1 (Butyl Acetate = 1)
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapor pressure	Approx. 17.5 mm Hg @25 °C (77 °F)
Vapor density	0.62
Specific gravity	Approx. 1.0911
Solubility in water	Miscible
Octanol/water partition coefficient	Not available
Autoignition temperature	Not applicable
Viscosity	2,500 - 3,500 cPs Brookfield
Typical % solids	Approx. 47.0 % (m)

## 10. Stability and Reactivity

### Chemical Stability

Normally stable as defined in NFPA 704-12(4-3.1).

### Incompatible Materials

Oxidizers, acids or bases.

### Hazardous Decomposition Products

Oxides of carbon.

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## Possibility of Hazardous Reactions

Hazardous polymerization is not expected to occur .

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### 11. Toxicological Information

See Section 3 Hazards Identification information.

**9005-25-8 Starch**

LC50: Not available

LD50: Not available

**1332-58-7 Kaolin**

LC50: Not available

LD50: Not available

**14808-60-7 Quartz (SiO<sub>2</sub>)**

LC50: Not available

LD50: Not available

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### 12. Ecological Information

Not determined

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### 13. Disposal Considerations

Recover free liquid. Absorb residue and dispose of according to local, state/provincial, and federal requirements.

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### 14. Transport Information

#### 14.1 U.S. Department of Transportation (DOT)

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

Regulation: Non regulated

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#### 14.2 Canadian Transportation of Dangerous Goods (TDG)

Regulation: Non regulated

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#### 14.3 Other Regulations

- **ADR/RID**

Regulation: Non regulated

- **IMO/IMDG**

Regulation: Non regulated

- **IATA (Commercial)**

Regulation: Non regulated

- **IATA (Passenger)**

Regulation: Non regulated

- **ADNR**

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## 15. Regulatory Information (Selected Regulations)

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### 15.1 U.S. Federal Regulations

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#### **OSHA Hazards Communication Standard 29CFR1910.1200**

This material presents possible health hazards as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

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#### **SARA Title III: Section 311/312**

Immediate health hazard  
Delayed health hazard

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#### **SARA Title III: Section 313 and 40 CFR Part 372**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

None required per SARA TITLE III SECTION 313.

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#### **TSCA Section 8(b) Inventory**

All reportable chemical substances are listed on the TSCA Inventory. We rely on certifications of compliance from our suppliers for chemical substances not manufactured by us.

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### 15.2 Canadian Regulations

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#### **Workplace Hazardous Materials Information System (WHMIS)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all the information required by the CPR.

Class D2A  
Class D2B

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#### **Canadian Environmental Protection Act (CEPA)**

This product contains one or more chemical substances not included on either the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).

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#### **National Pollutant Release Inventory (NPRI)**

This product contains the following chemical(s) subject to the reporting requirements of the Canadian Environmental Protection Act (CEPA) subsection 16(1), National Pollutant Release Inventory.

None required.

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## 16. Other Information

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### User's Responsibility

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

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### Disclaimer

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