



MATERIAL SAFETY DATA SHEET

**Polyvinyl Acetal Brushes
preserved with
Hydrogen Peroxide**

**SECTION 1 - CHEMICAL PRODUCT &
COMPANY IDENTIFICATION**

Entegris, Inc.

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Information 978-436-6520

CHEMTREC Emergency Telephone Numbers:

United States 800-424-9300
International 703-527-3887 (collect)

PRODUCT: Planarcure™ PVA Brushes

Product Numbers:
PVA1ARXR4, PVA1AMMR4

MSDS Number: **P91069**
Issue Date: May 24, 2005
Rev. Date: October 13, 2010
Revision: **A**

SUBSTANCE IDENTIFICATION

SUBSTANCE:
A porous polyvinyl acetal (PVA) solid, preserved with residual 1-2% hydrogen peroxide in water solution.

**SECTION 2 - COMPOSITION AND
INFORMATION ON
INGREDIENTS**

Component	CAS No.	EINECS No.	Percent
Polyvinyl acetal (PVA)	Not Assigned	Not Assigned	99
Hydrogen Peroxide	7722-84-1	231-765-0	<1%
Water	7732-18-5	231-791-2	<1%

SECTION 3 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Note: All data in Section 3 applies to the hydrogen peroxide in water component.

Appearance:
A porous solid preserved with hydrogen peroxide solution.

Major Health Hazards: May cause eye irritation.
May cause skin and respiratory track irritation.

Physical Hazards: Irritant

Health Effects

Route of Entry Potential Health Effects and Symptoms of Exposure

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May cause irritation of the digestive track.

Inhalation: None expected under normal conditions.

Target organs: No data found.

Medical Conditions: No information is available

Aggravated by Exposure:

SECTION 4 - FIRST AID

Note: All data in Section 4 applies to the hydrogen peroxide in water component.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Seek medical advice immediately.

Eyes: Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids for at least 15 minutes. Get medical attention immediately.

Skin: Remove contaminated clothing, jewelry, and shoes immediately. Wash with soap or mild detergent and water.

Inhalation: Remove exposed person to fresh air immediately. Seek medical advice.

SECTION 5 - FIRE FIGHTING MEASURES

Fire & Explosion Hazards: During a fire, irritating or toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:	Use extinguishing agents appropriate for the surrounding fire.
Fire Fighting	Use water spray to keep fire-exposed containers cool.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Note: All data in Section 6 applies to the hydrogen peroxide in water component.

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills and Leaks:	Absorb spill with inert material. Place into a suitable container for disposal.

SECTION 7- HANDLING AND STORAGE

Note: All data in Section 7 applies to the hydrogen peroxide in water component.

Handling: Wash hands thoroughly after handling. Keep container tightly closed. Avoid breathing vapor. Do not get in eyes. Avoid contact with skin and clothing.

Storage: Store in tightly closed container. Store in cool, dry place away from incompatible materials.

SECTION 8 - PERSONAL PROTECTION AND EXPOSURE CONTROL

Note: All data in Section 8 applies to the hydrogen peroxide in water component.

Ventilation and Personal Protection:	Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Eyes: Wear chemical goggles and face shield. Skin: Wear appropriate protective gloves to prevent skin exposure. Clothing: Wear appropriate protective clothing to prevent skin exposure.
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Respirator Use:	Follow OSHA respirator regulations in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 approved respirator when necessary.
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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Note: All data in Section 9 applies to the hydrogen peroxide in water component.

Physical State	Liquid
Specific Gravity	>1.000
Odor	Slight
Odor threshold	Not available
Water solubility:	Soluble
pH	Not available
Melting Point	Not available
Boiling Point	Not available
Vapor Pressure	Not available
Vapor Density	>1.0
Volatility	Not available
Evaporation Rate	Not available
Coefficient of water/oil distribution:	Not applicable

SECTION 10 - STABILITY AND REACTIVITY

Note: All data in Section 10 applies to the hydrogen peroxide in water component.

Chemical Stability:	Stable under normal conditions of temperature and pressure. Avoid high temperatures and confined spaces. Decomposes slowly to release oxygen.
Hazardous Polymerization	Has not been reported.
Incompatible with:	Heat, reducing agents, organic materials, dirt, alkalis, rust, and many metals.
Hazardous Decomposition Products:	Decomposes to water and oxygen.

SECTION 11 - TOXICOLOGICAL INFORMATION

Note: All data in Section 11 applies to the hydrogen peroxide in water component.

Carcinogenicity: Not listed as carcinogenic by IARC, NTP, or CA. ACGIH listed as confirmed animal carcinogen with unknown relevance to humans (A3).

Acute Effects: Skin, eye, and mucous membrane irritant.

Exposure Limits:

Hydrogen Peroxide:
1 ppm TWA (ACGIH)
1 ppm TWA; 1.4 mg/m³ TWA; 75 ppm IDLH (NIOSH)
1 ppm TWA; 1.4 mg/m³ TWA (OSHA)

SECTION 12 - ECOLOGICAL INFORMATION

No data is available.

SECTION 13- DISPOSAL INFORMATION

The components of this product not listed as RCRA D, F, P or U Series hazardous wastes. The waste product should be disposed of in a manner consistent with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Proper Shipping Name	Non-DOT regulated
UN or ID No.	NA
Hazard Class	NA
Packing Group	NA

SECTION 15 - REGULATORY INFORMATION

All materials are listed on the Toxic Substances Control Act (TSCA) Chemical Inventory. See regulations in 40 CFR 700 for details.

California No significant Risk Level: None of the chemicals in this product are known to Entegris Inc. to be listed.

European Labeling in Accordance with EC Directives
Hazard Symbols: Not available

Risk Phrases: None available

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

Canada: This product has a WHMIS classification of D2B.

SECTION 16- ADDITIONAL INFORMATION

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