

Material Safety Data Sheet  
INFORMATION TELEPHONE NO. 1-919-433-1334  
ELVACE (R) CPS-785

MSDS No: 4218  
Forbo Adhesives, LLC

P.O. Box 110447  
Research Triangle Park, NC 27709-0447

ALL CHEMICAL EMERGENCIES  
1-800-424-9300

Effective Date: 08/06/03

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1. PRODUCT IDENTIFICATION

Trade Name: ELVACE (R) CPS-785  
Chemical Family: Ethylene - Vinyl Acetate Copolymer  
Intended Use: Binder

NFPA Hazard Classification

Health Hazard: 1  
Fire Hazard: 1  
Reactivity: 0  
Special Hazard:

HMIS Hazard Classification:

Health: 1 Slight Hazard  
Flammability: 1 Slight Hazard  
Reactivity: 0 Minimal Hazard  
Personal Protection:

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	Name	ACGIH TLV		OSHA PEL	AMOUNT
		TWA	STEL		
1332587	Kaolin (Clay)	2 mg/m3	NE	5 mg/m3	10.00 % by wt
24937788	Ethylene Vinyl Acetate Copolymer	NE	NE	NE	90.00 % by wt

Refer to Section 8, Subheading "Exposure Guidelines", for additional information concerning exposure limits.

3. HAZARDS IDENTIFICATION

Emergency Overview:

White Powder. Moderate skin irritant. Inhalation of dust may irritate the respiratory system (nose, throat, and lungs). Moderate eye irritant.

Route(s) of Entry:

Inhalation, skin and eye contact.

Acute Exposure:

Contact causes moderate skin irritation. Direct contact with this material causes eye irritation. Inhalation of dust may cause irritation to the respiratory tract (nose, throat, and lungs).

Carcinogenicity:

This material does not contain 0.1% or more of any chemical listed by the

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International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the Occupational Safety and Health Administration (OSHA) as a carcinogen.

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4. FIRST AID MEASURES

Eye Contact:

Immediately flush eyes with large quantities of clean water for at least 15 minutes. Get immediate medical attention.

Skin Contact:

Wash with soap and water.

Ingestion:

Do not induce vomiting. Give the victim one or two glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Seek medical advice. In general, no adverse effects are anticipated by this route of exposure incidental to proper industrial handling.

Inhalation:

Remove victim to fresh air. Keep warm and quiet. If not breathing, give artificial respiration. If breathing is difficult, give oxygen by trained personnel. GET IMMEDIATE MEDICAL ATTENTION.

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5. FIRE FIGHTING MEASURES

Flash Point: > 400 degrees F (> 204 degrees C)  
Flammable Limits in Air (Lower): Not available  
Flammable Limits in Air (Upper): Not available

General Hazards:

Static electric charges created by emptying product from ungrounded containers in or near flammable vapors may cause flash fire.

Fire Fighting Extinguishing Media:

Use carbon dioxide, foam, dry chemical or water fog to extinguish fire. Do not use water stream or spray on a localized glue pot fire. Water stream or spray may damage nearby energized electrical conductors or conduct electrical energy and present a hazard to personnel and other equipment.

Fire Fighting Equipment:

Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use.

Fire Fighting Instructions:

Do not use water stream or spray on a localized glue pot fire. Water stream or spray may damage nearby energized electrical conductors or conduct electrical energy and present a hazard to personnel and other equipment. See Section 13 for disposal considerations.

Fire and Explosion Hazards:

When this material is unloaded from a multi-wall paper bag with a polyethylene or foil lining, an electrostatic charge can accumulate and cause a spark that is sufficient to ignite flammable or combustible vapors.

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Dusts at sufficient concentrations can form explosive mixtures with air.  
Hazardous Combustion Products:  
Combustion may produce carbon monoxide, carbon dioxide and irritating or toxic vapors and gases.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:

Collect material and place in a closed container. Reduce airborne dust and prevent its scattering by moistening (not saturating) the material with water. Remove the material from water surface by skimming or using a suitable absorbent. Do not use dispersants.

7. HANDLING AND STORAGE

Signal Word:

C A U T I O N

Hazards and Precautions:

Avoid prolonged or repeated skin contact. Avoid eye contact. Avoid breathing dust. Keep container closed. Use only in well-ventilated areas. Wash thoroughly after handling.

Handling Information:

Minimize dust generation and accumulation. Use with adequate ventilation. An eyewash station and a safety shower should be readily accessible to workers wherever this material is stored or used.

Storage Information:

Store in a dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

The Occupational Safety and Health Administration (OSHA), has established for inert or nuisance dusts, a Permissible Exposure Limit (PEL) of 15 mg/m3, total dust or 5 mg/m3, respirable fraction for an 8 hour Time Weighted Average (TWA) as Particulates Not Otherwise Regulated (PNOR). The American Conference of Governmental Industrial Hygenists (ACGIH) have established, for inert or nuisance dusts, Threshold Limit Values (TLV) of 10 mg/m3 for inhalable (total) particulate and 3 mg/m3 for respirable particulate based on Particulates Not Otherwise Classified (PNOC).

Engineering Controls:

Use general ventilation to maintain airborne concentrations to levels that are below regulatory and recommended occupational exposure limits. See occupational exposure limits in Section 2. Local ventilation may be required during certain operations.

Eye Protection:

Wear 1) safety glasses with side shields and a faceshield or 2) goggles

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and a faceshield.

**Skin Protection:**

Wear chemical resistant gloves.

**Respiratory Protection:**

Respiratory protection is not generally required during normal use and handling. The need for respiratory protection should be evaluated if this material is sprayed or heated in poorly ventilated areas or if dusts are generated.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Powder  
Odor: Mild Sweet  
Physical State: Solid at room temperature  
Solubility in Water: Dispersible  
Vapor Pressure: Non-volatile  
Specific Gravity: < 1 (Water = 1)  
Boiling Point: Not available  
Melting Point: Not Evaluated  
Decomposition Temperature: Not available  
Evaporation Rate: Negligible  
% Volatile: Non-volatile  
VOC Content: Non-volatile  
pH: Not applicable

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10. STABILITY AND REACTIVITY

**Stability:**

This material is stable during storage and during its intended use.

**Incompatibility:**

No incompatibilities have been identified.

**Hazardous Decomposition Products:**

Thermal decomposition may form: carbon monoxide, carbon dioxide, and various hydrocarbons.

**Hazardous Polymerization:**

Hazardous polymerization will NOT occur.

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11. TOXICOLOGICAL INFORMATION

**Acute Eye Toxicity:**

No information is available.

**Acute Skin Toxicity:**

No information is available.

**Acute Inhalation Toxicity:**

No information is available.

**Acute Oral Toxicity:**

No information is available.

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Chronic/Carcinogenicity:

This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the United States Occupational Safety and Health Administration (OSHA) as a carcinogen.

Additional Information:

No toxicological information is available on this material.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

No information is available.

Environmental Fate:

No information is available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Not a RCRA hazardous waste. Disposal of this material is not regulated under RCRA. Consult federal, state and local regulations to ensure that this material and its containers, if discarded, is disposed of in compliance with all regulatory requirements.

RCRA Hazard Class:

NOT A RCRA HAZARDOUS WASTE: When discarded in its purchased form, this material would not be regulated as a RCRA Hazardous waste under 40 CFR 261.

14. TRANSPORT INFORMATION

DOT / IATA / IMDG / TDG:

Bulk and Non-Bulk

Proper Shipping Name:

NOT REGULATED

Label:

Placard:

Marine Pollutant:

ERG Number:

Reportable Quantity:

15. REGULATORY INFORMATION

Occupational Safety and Health Act (OSHA):

This product is not considered to be a hazardous chemical under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SARA Title III: Section 304 - CERCLA:

Reportable Quantities have not been established for any of this material's

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components.

SARA Title III: Section 311/312 - Hazard Communication Standard (HCS):  
This product is not regulated under Section 311-312 (40 CFR 370).

SARA Title III: Section 313 Toxic Chemical List (TCL):  
This product does not contain any chemicals for routine annual toxic  
chemical release reporting under Section 313 (40 CFR 372).

TSCA Section 8(b) - Inventory Status:  
All components of this material are listed on the US Toxic Substances  
Control Act (TSCA) inventory.

TSCA Section 12(b) - Export Notification:  
This material does not contain any components that are subject to the US  
Toxic Substances Control Act (TSCA) Section 12(b) Export Notification  
requirements.

Australian Inventory Status:  
This product contains only chemicals which are currently listed on the  
Australian Inventory of Chemical Substances.

Canadian Inventory Status:  
All components of this material are listed on the Canadian Domestic  
Substances List (DSL).

Canadian WHMIS:  
This material is not classified as a controlled product under the Canadian  
Workplace Hazardous Material Information System.

European Inventory Status (EINECS):  
All components are either listed or are exempt from being listed, on the  
EINECS chemical inventory.

Korean Inventory Status:  
This product contains only chemicals which are currently listed on the  
Korean Chemical Substances List.

California Proposition 65:  
W A R N I N G: This material contains a chemical known to the State of  
California to cause cancer. The California Safe Drinking Water and Toxic  
Enforcement Act of 1986 requires that clear and reasonable warning be  
given prior to exposing any person to this chemical:

Additional Canadian Regulatory Information:  
This product does not contain a substance present on the WHMIS Ingredient  
Disclosure List (IDL) which is at or above the specified concentration  
limit.

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16. OTHER INFORMATION

MSDS No: 4218  
Reason Issued: ANSI Z-400 Format Revision  
Prepared By: Product Safety & Compliance Department  
Supersedes Date: 04/04/03

Disclaimer:

This information is provided in good faith and is correct to the best of  
Forbo's knowledge as of the date hereof and is designed to assist our  
customers; however, Forbo makes no representation as to its completeness  
or accuracy. Our products are intended for sale to industrial and

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commercial customers. We require customers to inspect and test our products before use and to satisfy themselves as to suitability for their specific applications. Any use which Forbo customers or third parties make of this information, or any reliance on, or decisions made based upon it, are the responsibility of such customer or third party. Forbo disclaims responsibility for damages, or liability, of any kind resulting from the use of this information. THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES. IN NO EVENT SHALL FORBO BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.