

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)
Veriflex ® E Part A (Resin)

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

Emergency Telephone Number 1-800-633-8253

Cornerstone Research Group Inc.

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information 937/320.1877

2750 Indian Ripple Road

Date Prepared March 20, 2005 Updated April 16, 2007

Dayton, Ohio 45440

Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits
Recommended

% (optional)

Aromatic epoxy resin PEL/TLV not established

HEALTH: 3

FLAMMABILITY: 0

REACTIVITY: 0

EMERGENCY OVERVIEW

Irritant.

May cause sensitization by skin contact. Irritating to eyes and skin.

Section III—Physical/Chemical Characteristics

Boiling Point

NE

Specific Gravity (H₂O = 1)

NE

Vapor Pressure (mm Hg)

NE

Melting Point

40 °C

Vapor Density (AIR = 1)

NE

Evaporation Rate (Butyl Acetate = 1)

NE

Solubility in Water

Appearance

Liquid.

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)

NE

Flammable Limits

LEL NE

UEL NE

Extinguishing Media

Use water spray, foam, dry chemical or carbon dioxide.

Special Fire Fighting Procedures

Wear a self-contained breathing apparatus (SCBA) and protective clothing to prevent contact with skin and eyes. Specific hazards: Emits toxic fumes under fire conditions

Unusual Fire and Explosion Hazards

Emits toxic fumes under fire conditions

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	High temperatures, oxidizing agents.

Incompatibility (*Materials to Avoid*)

Oxidizing agents, iron and iron salts, and zinc.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
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Health Hazards (*Acute and Chronic*)**ROUTE OF EXPOSURE**

Skin Contact: Causes skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

SENSITIZATION

Skin: May cause allergic skin reaction.

TARGET ORGANS

Liver, Spleen, Blood, Bladder, Kidneys, Central nervous system.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

CHRONIC EXPOSURE – CARCINOGEN**IARC CARCINOGEN LIST**

Rating: Group 3

CHRONIC EXPOSURE – MUTAGEN

Emergency and First Aid Procedures

Ingestion: If swallowed, wash out mouth immediately with water provided person is conscious. Contact a physician immediately. Never give anything by mouth to a person who is unconscious or convulsing.Inhalation: Remove the exposed person to fresh air; restore and/or support breathing as needed. Have qualified medical personnel administer oxygen if required.Skin exposure: Wash affected area immediately with soap and copious amounts of water. Remove contaminated shoes and clothing.Eye exposure: Immediately flush eyes by gently flooding with running water for at least 15 minutes. Call a physician.**Section VII—Precautions for Safe Handling and Use**Steps to Be Taken in Case Material Is Released or Spilled

Evacuate unnecessary personnel.

Methods for Cleanup

Absorb on sand or vermiculate and place in closed containers for disposal. Ventilate area and wash spill site after material is picked up.

Environmental Precautions

Avoid contaminating water supply. Avoid contaminating sewers and waterways.

Waste Disposal Method

Contact a licensed professional waste disposal service to dispose of this material.

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber.

Observe all federal, state, and local government environmental regulations.

Precautions to Be Taken in Handling and Storing

Store in tightly closed containers. Keep away from sources of ignition and strong oxidizers.
 Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Section VII—Control Measures

Respiratory Protection (Specify Type) NIOSH/MSHA-approved respirator. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Ventilation	Local Exhaust	Special
	See "Special"	Mechanical exhaust required
	Mechanical (<i>General</i>)	Other
	See "Special"	See "Special"

Protective Gloves	Compatible, chemical-resistant gloves	Eye Protection	Chemical safety goggles
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Other Protective Clothing or Equipment Safety shower and eye bath

Work/Hygienic Practices Wash thoroughly after handling. Wash any contaminated clothing before reuse.