



MATERIAL SAFETY DATA SHEET

Page 1 of 5

SN221 - VINYL CEMENT PATCH

1. Product And Company Identification

Supplier

HENRY COMPANY

909 N. Sepulveda Blvd., Suite 650

El Segundo, CA 90245-2724

Company Contact: Technical Services

Telephone Number: (800) 486-1278

Web Site: www.henry.com www.bakor.com

Manufacturer

HENRY COMPANY

909 N. Sepulveda Blvd., Suite 650

El Segundo, CA 90245-2724

Company Contact: Technical Services

Telephone Number: (800) 486-1278

Web Site: www.henry.com www.bakor.com

Supplier Emergency Contacts & Phone Number

CHEMTREC: (800) 424-9300

CHEMTREC: (703) 527-3887

CANUTEC: (613) 996-6666

Manufacturer Emergency Contacts & Phone Number

CHEMTREC: (800) 424-9300

CHEMTREC: (703) 527-3887

CANUTEC: (613) 996-6666

Issue Date: 03/09/2011

Product Name: SN221 - VINYL CEMENT PATCH

Product Code: SN221

Product/Material Uses

Concrete patching

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
portland cement	65997-15-1	25 - 35
silica, quartz	14808-60-7	50 - 80

EMERGENCY OVERVIEW

CAUTION! Direct skin and eye contact may cause irritation.

Appearance/Odor: solid, no odor

3. Hazards Identification

Primary Routes(s) Of Entry

Inhalation

Eye Hazards

May cause eye irritation (burning, tearing, redness or swelling).

Skin Hazards

May cause skin irritation and contact dermatitis upon prolonged contact.

Ingestion Hazards

Not a probable route of exposure, but may cause irritation to the mouth, throat, and digestive tract if swallowed.

Inhalation Hazards

Moderate respiratory irritant. Product contains crystalline silica quartz. Repeated inhalation of silica in excess of the TLV over extended periods can result in irreversible fibrosis of the lungs (silicosis).



SN221 - VINYL CEMENT PATCH

3. Hazards Identification - Continued

Chronic/Carcinogenicity Effects

This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 (Toxicological Information) for more details.

4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

Skin

Remove contaminated clothing and shoes. Wash affected areas with soap and water.

Ingestion

Get medical attention. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim.

Inhalation

Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Contact a physician if symptoms develop.

5. Fire Fighting Measures

Flash Point: not applicable °F not applicable °C

Lower Explosive Limit: not applicable

Upper Explosive Limit: not applicable

Fire And Explosion Hazards

Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen, oxygen, carbon monoxide, sulfur and nitrogen.

Extinguishing Media

Carbon dioxide, water fog, dry chemical, chemical foam. Use the appropriate extinguishing media for the surrounding fire.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Avoid generating dusts. Collect spilled powder by dustless methods and place in containers. If necessary dike spills of mixed material with absorbent material and shovel into waste containers. Wet material may be slippery, use caution to avoid falls. Collect and dispose in accordance with applicable regulations. Avoid runoff to waterways and sewers.

7. Handling And Storage

Handling And Storage Precautions

Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Protect from physical damage.

8. Exposure Controls/Personal Protection

Engineering Controls

When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

SN221 - VINYL CEMENT PATCH

8. Exposure Controls/Personal Protection - Continued

Skin Protection

Use with chemical-protective gloves to prevent skin contact.

Respiratory Protection

Where exposure to dusts from this product may exceed the applicable exposure limits, a NIOSH-approved particulate respirator (N95 or better), or an air purifying respirator equipped with a particulate filter or supplied air respirator should be used. The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

Ingredient(s) - Exposure Limits

portland cement

ACGIH TLV-STEL 5 mg/m³ (Proposed)

ACGIH TLV-TWA 10 mg/m³ (Notice of Intended Change)

ACGIH TLV-TWA 1 mg/m³ (Proposed)

OSHA PEL-TWA 50 mppcf

silica, quartz

ACGIH TLV-TWA 0.025 mg/m³

OSHA PEL-TWA 30mg/m³ / (%SiO₂+2) (total dust)

OSHA PEL-TWA 10 mg/m³/ (%SiO₂+2) (respirable dust)

9. Physical And Chemical Properties

Appearance

solid

Odor

no odor

Chemical Type: Mixture

Physical State: Solid

Boiling Point: not applicable °F not applicable °C

Percent Volatiles: not applicable

Vapor Pressure: not applicabale

pH Factor: not available

Solubility: slight

Evaporation Rate: not applicable

10. Stability And Reactivity

Stability: stable

Hazardous Polymerization: not expected occur

Conditions To Avoid (Stability)

Extreme temperatures

Incompatible Materials

Avoid contact with strong oxidizing agents, strong acids. Acids will react with cement, lime, and carbonates.

Hazardous Decomposition Products

Decomposition not likely to occur if handled and stored properly.



SN221 - VINYL CEMENT PATCH

11. Toxicological Information

Chronic/Carcinogenicity

IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz

NTP has listed the following chemicals in this product as known human carcinogens: silica, quartz,

ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz

Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

Miscellaneous Toxicological Information

Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

Ingredient(s) - Carcinogenicity

silica, quartz

NTP - Listed On The National Toxicology Program

Listed In The IARC Monographs

Ingredient(s) - Toxicological Data

silica, quartz

LD50 (iv-rat): 500 mg/kg bw/Quartz (10-200 um)

12. Ecological Information

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Ground Not Restricted

IMDG Not Restricted

IATA Not Restricted

15. Regulatory Information

U.S. Regulatory Information

Warning: This product contains a substance known to the State of California to cause cancer.

Ingredient(s) - State Regulations

portland cement

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

silica, quartz

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - Hazardous Substance

Canadian Regulatory Information

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: D2A - Very Toxic

SN221 - VINYL CEMENT PATCH

15. Regulatory Information - Continued

Ingredient(s) - Canadian Regulatory Information

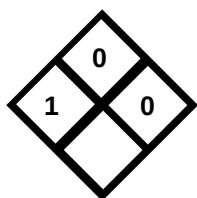
silica, quartz

WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	*1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 05/21/2008

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

HENRY COMPANY