MATERIAL SAFETY DATA SHEET

BN109 - BUTYL-NEK JOINT SEALANT

1. Product And Company Identification

Supplier
HENRY COMPANY
999 N. Sepulveda Blvd., Suite 800
El Segundo, CA 90245-2716

Company Contact: Technical Services
Telephone Number: (800) 486-1278
Web Site: www.henry.com www.bakor.com

Manufacturer
HENRY COMPANY
999 N. Sepulveda Blvd., Suite 800
El Segundo, CA 90245-2716

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

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Issue Date: 05/03/2013

Product Name: BN109 - BUTYL-NEK JOINT SEALANT
Product Code: BN109

2. Composition/Information On Ingredients

Ingredient Name	CAS Number		Percent Of Total Weight
petroleum asphalt	8052-42-4		40 - 70
cellulose fiber	9004-34-6		7 - 13
kaolin	1332-58-7		20 - 40
silica, quartz	14808-60-7		1 - 5
titanium dioxide	13463-67-7		0.1 - 1

Substances in this product have been pre-registered in accordance with the REACH Regulation - (EC) No. 1907/2006. See Section 15 for additional information.

EMERGENCY OVERVIEW

CAUTION! Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.

Appearance/Odor: Black soft sticky solid, faint petroleum solvent 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
May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.

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3. Hazards Identification - Continued

Inhalation Hazards
Exposure to vapors may cause respiratory tract irritation. Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.

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 immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim. Call a physician or poison control center immediately.

Inhalation
Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.

5. Fire Fighting Measures

Flash Point: 620 °F 327 °C
Flash Point Method: COC (ASTM D92)
Lower Explosive Limit: not available
Upper Explosive Limit: not available

Fire And Explosion Hazards
Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

Extinguishing Media
Chemical foam, carbon dioxide (CO2), water fog or dry chemical.

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

6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). 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. Do not handle or store near strong oxidants or strong acids. Use only with adequate ventilation.

8. Exposure Controls/Personal Protection

Engineering Controls
Use with adequate general and local exhaust ventilation. When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.

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8. Exposure Controls/Personal Protection - Continued

Eye/Face Protection
Safety glasses with side shields or goggles recommended.

Skin Protection
Use with chemical-protective gloves to prevent skin contact.

Respiratory Protection
This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge and particulate filter or supplied air respirator.

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

Ingredient(s) - Exposure Limits
petroleum asphalt
ACGIH TLV-TWA 0.5 mg/m3 (inhalable fraction, as benzene-soluble aerosol)
cellulose fiber
ACGIH TLV-TWA 10 mg/m3
kaolin
ACGIH TLV-TWA 2 mg/m3
OSHA PEL-TWA 15 mg/m3
OSHA PEL-TWA 5 mg/m3
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)
titanium dioxide
ACGIH TLV-TWA 10 mg/m3 (respirable)
OSHA PEL-TWA 15 mg/m3 (total dust)

9. Physical And Chemical Properties

Appearance
Black soft sticky solid

Odor
Faint petroleum solvent odor

Chemical Type: Mixture
Physical State: Solid
Boiling Point: 900 °F
Specific Gravity: not available
Percent Volatiles: not available
Vapor Pressure: not available
Vapor Density: not available
pH Factor: not available
Solubility: insoluble in water
Evaporation Rate: <1

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10. Stability And Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur

Incompatible Materials
Avoid contact with strong oxidizing agents and acids.

Hazardous Decomposition Products
Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO2).

11. Toxicological Information

Chronic/Carcinogenicity
IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz
IARC has concluded that the following chemicals in this product are possibly carcinogenic to humans (Group 2B): titanium oxide

ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz
NTP has listed the following chemicals in this product as known human carcinogens: 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) - Toxicological Data
cellulose fiber
LD50 (oral, rat): >2000 mg/kg
LC50 (rat): >5800 mg/m3 (4-hour exposure)
silica, quartz
iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)

12. Ecological Information

No specific information available.

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
Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.

Ingredient(s) - State Regulations
petroleum asphalt
New Jersey - Workplace Hazard

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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

Pennsylvania - Workplace Hazard
Massachusetts - Hazardous Substance
New York City - Hazardous Substance

cellulose fiber
Pennsylvania - Workplace Hazard

kaolin
Pennsylvania - Workplace Hazard

silica, quartz
New Jersey - Workplace Hazard
Pennsylvania - Workplace Hazard
California - Proposition 65
Massachusetts - Hazardous Substance

titanium dioxide
New Jersey - Workplace Hazard
Pennsylvania - Workplace Hazard
New York City - 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

Ingredient(s) - Canadian Regulatory Information

silica, quartz
WHMIS - Ingredient Disclosure List

European Union (EU) Regulatory Information

REACH Pre-registration Information:

Substance (CAS#)	Reference Number
Asphalt (8052-42-4)	05-2114366982-36-0000
Quartz (14808-60-7)	05-2114366999-21-0000
Kaolin (1332-58-7)	05-2114366993-33-0000
Cellulose (9004-34-6)	05-2114366989-22-0000
Titanium Dioxide (13463-67-7)	05-2114367060-59-0000

WHMIS - Canada (Pictograms)

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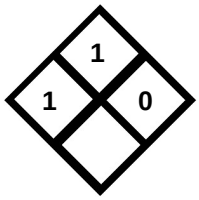
NFPA



HMIS

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 09/24/2009

Disclaimer

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