QUIKRETE®
CEMENT & CONCRETE PRODUCTS™

Expansion Joint Strips

MATERIAL SAFETY DATA SHEET
(Complies with OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies
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3490 Piedmont Road, Suite 1300
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Emergency Telephone Number
(770) 216-9580

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(770) 216-9580

MSDS U1
Revision: Feb-10

QUIKRETE® Product Name	**Code #**
QUIKRETE® EXPANSION JOINT	6917

PRODUCT USE: FILLER MATERIAL FOR EXPANSION JOINTS IN CONCRETE CONSTRUCTION

SECTION II - HAZARD IDENTIFICATION

Route(s) of Entry: Inhalation if dust is generated during fabrication
Acute Exposure: Temporary irritation of eyes, nose, throat or lungs
Chronic Exposure: Not expected
Carcinogenicity: Non-carcinogenic
Signs and Symptoms of Exposure: None known
Medical Conditions Generally Aggravated by Exposure: None known
Chronic Exposure: None Known
Medical Conditions Generally Aggravated by Exposure: None known

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS No.	PEL (OSHA) mg/M^3	TLV (ACGIH) mg/M^3
Cellulose (respirable)	9004-34-6	5	5
Asphalt-fume	8052-42-4	none	5
Clay (respirable)	None	5	5
Carbon Black	1333-86-4	3.5	3.5

SECTION IV – First Aid Measures

Eyes: Immediately flush eye thoroughly with water for at least 15 minutes.

Skin: Wash skin with cool water and pH-neutral soap or a mild detergent.
Inhalation: Remove person to fresh air. Seek medical help if coughing and other symptoms do not subside.
Other: This product is not expected to present health hazards under normal use.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flammability: Combustible
Auto-ignition Temperature: Not Applicable
Flash Points: Not Applicable

SECTION VI – ACCIDENTAL RELEASE MEASURES

Follow normal housekeeping procedures.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

None

SECTION VIII – EXPOSURE CONTROL MEASURES

Engineering Controls: Local exhaust can be used, if necessary, to control airborne dust levels.
Personal Protection: As necessary to prevent skin irritation and to prevent foreign bodies from entering the eyes.
Exposure Limits: Consult local authorities for acceptable exposure limits**.**

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: Black board with a slight petroleum odor

Specific Gravity:	~0.3	**Melting Point:**	Not Applicable
Boiling Point:	Not Applicable	**Vapor Pressure:**	Not Applicable
Vapor Density:	Not Applicable	**Evaporation Rate:**	Not Applicable

SECTION X - REACTIVITY DATA

Stability: Stable under normal atmospheric conditions.
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents such as perchloric or nitric acids, etc.
Hazardous Decomposition or By-products: Thermal oxidative decomposition of asphalt can produce carbon monoxide; various aliphatic hydrocarbons and hydrogen sulfide. Inhalation of carbon monoxide and hydrogen sulfide produces tissue hypoxia (insufficient oxygen). Inhalation of aliphatic hydrocarbons can result in asphyxia.
Hazardous Polymerization: Will Not Occur.

Unusual Fire & Explosion Hazards: May be prone to smolder longer than wood after flames have extinguished
Special Firefighting Procedures: Since burning may produce toxic fumes, wear a self-contained breathing apparatus (SCBA) with a full facepiece. Wear protective clothing if asphalt is molten.
Special Precautions: Use of a high-speed rotary cutting tool may create excessive dust. Avoid dust inhalation with adequate ventilation and the use of respiratory protection. Cellulose dust can present an explosion hazard if a high concentration dust cloud contacts an ignition source.

SECTION XI – TOXICOLOGICAL INFORMATION

The U. S.S National Toxicology Program (NTP) or the U.S. Occupational Safety and Health Administration (OSHA) do not designate carbon black as a carcinogen. The American Conference of Governmental Industrial Hygienists (ACGIH) classifies carbon black as 4A, Not Classifiable as a Human Carcinogen. Components of this product are not listed as toxic chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA). The U.S. National Institute of Occupational Safety and Health (NIOSH) criteria document on carbon black recommends only carbon blacks with polycyclic aromatic hydrocarbons (PAH) levels greater than 0.1% be considered suspect carcinogens. The carbon black used in this product contains less than 0.1% of PAH. The International Agency for Research on Cancer (IARC) classifies carbon black, as Group 2B, carbon black is possibly carcinogenic to humans, based on rat inhalation studies. In the Monograph 65, issued in 1996, IARC reevaluated carbon black and concluded, “There is inadequate evidence for the carcinogenicity of carbon black”.

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity: Not Available
BOD5 and COD: Not Available
Products of Biodegradation: Not available
Toxicity of the Products of Biodegradation: Not available
Special Remarks on the Products of Biodegradation: Not available

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: The packaging and material may be land filled; however, material should be covered to minimize generation of airborne dust. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302).

SECTION XIV – TRANSPORT INFORMATION

DOT/UN Shipping Name: Non-regulated
DOT Hazard Class: Non-regulated
Shipping Name: Non-regulated
Non-Hazardous under U.S. DOT and TDG Regulations

SECTION XV – OTHER REGULATORY INFORMATION

US OSHA 29CFR 1910.1200: Considered non-hazardous under this regulation
SARA (Title III) Sections 311 & 312: Not listed
SARA (Title III) Section 313: Not subject to reporting requirements
TSCA (May 1997): All components are on the TSCA inventory list
Federal Hazardous Substances Act: Is a hazardous substance subject to statues promulgated under the subject act
Canadian Environmental Protection Act: Not listed
Canadian WHMIS: Considered to be a non-hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

SECTION XVI – OTHER INFORMATION

HMIS-III:

Health –
0 = No significant health risk
1 = Irritation or minor reversible injury possible
2 = Temporary or minor injury possible
3 = Major injury possible unless prompt action is taken
4 = Life threatening, major or permanent damage possible

Flammability-
0 = Material will not burn
1 = Material must be preheated before ignition will occur
2 = Material must be exposed to high temperatures before ignition
3 = Material capable of ignition under normal temperatures
4 = Flammable gases or very volatile liquids; may ignite spontaneously

Physical Hazard-
0 = Material is normally stable, even under fire conditions
1 = Material normally stable but may become unstable at high temps
2 = Materials that are unstable and may undergo react at room temp
3 = Materials that may form explosive mixtures with water
4 = Materials that are readily capable of explosive water reaction

Abbreviations:

ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations (Canada)
DOT	Department of Transportation
IARC	International Agency for Research
MSHA	Mine Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicity Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit

RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TWA	Time-weighted Average
WHMIS	Workplace Hazardous Material Information System

Revision #07-01, supersedes all previous revisions.
Created: 10/25/2006
Last Updated: February 23, 2010

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