

Acrylic Crack Fillers

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

SECTION I: PRODUCT IDENTIFICATION

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MSDS W2
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QUIKRETE® Product Name	Code #
GRAY CONCRETE CRACK SEAL	8640-00
LATEX BLACKTOP CRACK SEAL	8640-05



PRODUCT USE: ACRYLIC BASED COSMETIC SEALANT FOR REPAIR OF CONCRETE OR ASPHALT

SECTION II - HAZARD IDENTIFICATION

Route(s) of Entry: Inhalation, ingestion, skin

Acute Exposure: Inhalation of vapor or mist can cause the following: headache, nausea, irritation of nose, throat and lungs. Direct contact with eyes can cause irritation and possible corneal injury.

Chronic Exposure: None known

Carcinogenicity: Not carcinogenic

Carcinogenicity Listings: Not applicable

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
Acrylic Polymer	Not hazardous	None	None
Limestone/Marble	1317-65-3	5	5

SECTION IV – First Aid Measures

Eyes: Immediately flush eye thoroughly with water – do not rub eyes. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Call physician immediately.

Skin: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists.

Inhalation: Remove person to fresh air. If coughing and other symptoms develop, seek medical attention.

Ingestion: If swallowed, give two glasses of water; If large amounts are ingested, induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flammability: Noncombustible and not explosive.

Auto-ignition Temperature: Not Applicable

Flash Points: Product may contain less than 1% of a solvent with a Flash Point of 120°C (248°F)

Unusual Hazards: This water-based dispersion can splatter at temperatures above 100°C (212°F). Polymer film can burn once the water has evaporated.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Contain spills immediately with inert materials (eg. Sand, earth). Scrape up and allow to harden before disposal. Use detergent and water to remove the remaining residue.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Keep from freezing; material may coagulate. The minimum recommended storage temperature for this material is 1°C (34°F). The maximum recommended storage temperature for this material is 38°C (100°F).

SECTION VIII – EXPOSURE CONTROL MEASURES

Engineering Controls: Not applicable

Personal Protection: The use of neoprene gloves is recommended.

Exposure Limits: Consult local authorities for acceptable exposure limits

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: White or tinted viscous liquid.

Boiling Point: ~100°C (212°F)

Solubility in Water: Dilutable

Odor: slight ether and ammonia odor



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SECTION X - REACTIVITY DATA

Stability: This material is considered stable. Avoid temperatures above 177°C (350°F), the onset of polymeric decomposition. Thermal decomposition is dependent on time and temperature.

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents or strong alkalis.

Hazardous Decomposition or By-products: Thermal decomposition may yield acrylic monomers

Hazardous Polymerization: Will Not Occur.

Condition to Avoid: Maintain storage temperature between 1°C (34°F) and 38°C (100°F) to retain product utility.

SECTION XI – TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion

Toxicity to Animals:

LD50: Not Available

LC50: Not Available

Chronic Effects on Humans: Not Available

Special Remarks on Toxicity: Not Available

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 once hardened. 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 hazardous under this regulation and should be included in the employers hazard communication program

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SARA (Title III) Sections 311 & 312: Qualifies as a hazardous substance with delayed health effects

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 statutes promulgated under the subject act

Canadian Environmental Protection Act: Not listed

Canadian WHMIS: Considered to be a 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
	Flammability-	4 = Life threatening, major or permanent damage possible
		0 = Material will not burn
		1 = Material must be preheated before ignition will occur
		2 = Material must be exposed to high temperatures before ignition
	Physical Hazard-	3 = Material capable of ignition under normal temperatures
		4 = Flammable gases or very volatile liquids; may ignite spontaneously
		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

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TLV	Threshold Limit Value
TWA	Time-weighted Average
WHMIS	Workplace Hazardous Material Information System

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