



QUAD-PLUG® SAFETY DATA SHEET



**REPAIR
MATERIALS**

A VORTEX COMPANY

1. PRODUCT AND COMPANY IDENTIFICATION

Material Name	QUAD-PLUG®
Version	01
Revision Date	06-2020
CAS#	Mixture
Product Use	Concrete Repair for wet areas
Company	Quadex LLC, 564 W. 9320 S., Sandy, UT 84070
Company Contact	Matthew Peterson
Company Phone	844-782-4832
Emergency	Domestic Shipments and to Canada: 1-800-633-8253 International Shipments: 1-801-629-0667

2. HAZARDS IDENTIFICATION

Emergency Overview	
OSHA Hazards	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Classification	
Skin corrosion/irritation	Category 1
Serious eye damage/ Eye irritation	Category 1
Skin sensitization	Category 1
Carcinogenicity/inhalation	Category 1A
Specific target organ toxicity - Single exposure (respiratory tract irritation)	Category 3

GHS Label elements, including precautionary statements:

Pictogram



Signal Word

Danger

Hazard statement(s)

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May cause cancer.

Precautionary statement(s):

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Use outdoors in a well ventilated area. Wash any exposed body parts thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated clothing must not be allowed out of the workplace.

Response

If exposed or concerned: Immediately get medical advice/attention if you feel unwell or irritation or rash occurs. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. If inhaled: Remove person to fresh air and keep comfortable for breathing. If swallowed: Rinse mouth. Do not induce vomiting.

Storage

Restrict or control access to stockpile areas (store locked up). Engulfment hazard: To prevent burial or suffocation, do not enter a confined space, such as a silo, bulk truck or other storage container or vessel that stores or contains cement without an effective procedure for assuring safety. Store in a well ventilated area. Keep container tightly closed.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

HNOC

None known.

Supplemental Information

Dispose of contents/container in accordance with local/regional/national/international regulations.

Overexposure to portland cement can cause serious, potentially irreversible skin or eye damage in the form of chemical (caustic) burns, including third degree burns. The same serious injury can occur if wet or moist skin has prolonged contact exposure to dry portland cement.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Cas #	Percent
Portland Cement	65997-15-1	40-100
Admixtures		1-15
Monocrystalline Quartz	14808-60-7	40-70

4. FIRST AID MEASURE

Inhalation	Remove to fresh air. Administer Oxygen if needed.
Skin Contact	Rinse with soap and water.
Eye Contact	Flush with large amounts of water.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. If discomfort or irritation persists, consult a physician.
Most Important Symptoms and Signs of Exposure	Dust could cause inflammation of eyes and upper respiratory system. Wet cement can dry or cause alkali burns to skin.

5. FIRE FIGHTING MEASURES

Flash point	None
Special Fire Fighting procedures	None
Extinguishing Media	None
Unusual Fire or Explosion Hazard	None

6. ACCIDENTAL RELEASE MEASURES

Collect dry material using a scoop. Avoid actions that cause dust to become airborne. Avoid inhalation of dust and contact with skin. Wear appropriate personal protective equipment as described in Section 8. Scrape up wet material and place in an appropriate container. Allow the material to “dry” before disposal. Do not attempt to wash down drains. Dispose of waste material according to local, state and federal regulations.

7. HANDLING AND STORAGE

Precautionary Measures	Avoid contact with eyes, skin and clothing. Do not take internally. Practice good personal hygiene to avoid ingestion. Use only with adequate ventilation. Wash clothing before reuse. Store in dry place and keep sealed until ready to use. FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN’S REACH.
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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Skin Protection	Rubber Gloves, Standard work clothing and shoes.
Respiratory Protection	Not normally required. Use NIOSH/MESHA approved respirator when needed.
Ventilation	Local exhaust recommended if necessary. Mechanical exhaust recommend if necessary.
Eye Protection	Goggles

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Odorless
Color	Grey
Vapor Pressure	Not available.
Vapor Density	Not available.
Boiling Point	Not available.
Specific Gravity	Not available.
Solubility in Water	Slight (0.01-1.0%)
Evaporation Rate	Not available.
Melting Point	Not available.

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability	Stable
Hazardous Decomposition or Byproducts	None
Hazardous Polymerization Conditions to Avoid	Will not occur. Although no hazardous reaction will occur, product should be kept dry.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity	Not applicable.
Mutagenicity	Not applicable.
Teratogenicity	Not applicable.
Reproductive	Not applicable.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available for product.
Environmental effects	No data available for product.

13. DISPOSAL CONSIDERATIONS

Dispose in a sanitary landfill in accordance with federal, state and local authorities.

14. TRANSPORT INFORMATION

Proper Shipping Name	Not applicable.
UN/NA Number	Not applicable.
Domestic Hazard Class	Not applicable.
Surface Freight Classification	Not applicable.
Label/Placard Required	Not applicable.

15. REGULATORY INFORMATION

Status under USDOL-OSHA Hazard Communication Rule, 29 CFR 1910.1200

Quad-Plug is considered a "hazardous chemical" under this regulation, and should be part of any hazard communication program.

Status under CERCLA/SUPERFUND 40 CFR 117 and 302

Not listed.

Hazard Category under SARA(Title III), Sections 311 and 312

Quad-plug qualifies as a "hazardous substance" with delayed health effects.

Status under SARA (Title III), Section 313

Not subject to reporting requirements under Section 313.

Status under TSCA (as of May 1997)

Some substances in quad-plug are on the TSCA inventory list.

Status under the Federal Hazardous Substances Act

Quad-plug is a "hazardous substance" subject to statutes promulgated under the subject act.

Status under California Proposition 65

This product contains up to 0.05 percent of chemicals (trace elements) known to the State of California to cause cancer, birth defects or other reproductive harm. California law requires the manufacturer to give the above warning in the absence of definitive testing to prove that the defined risks do not exist.

16. OTHER INFORMATION

Prepared By

Environmental Service Group Inc.
2300 Cottondale Lane. Ste. 260
Little Rock, AR, 72202 HMIS® ratings

Issue Date

January 1995

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, or in any process, unless specified in the text.

Issue date

Not available.

This data sheet contains

Product and Company Identification: Synonyms changes from the previous Physical & Chemical Properties: Multiple Properties version in section(s): Transport Information: Material Transportation Information Regulatory Information: United States.