Safety Data Sheet

Issue Date: 18-Oct-2025 **Revision Date:** 18-Oct-2025 **Version** 1

1. IDENTIFICATION

Product identifier

Product Name Self Leveling Concrete Crack Filler

Other means of identification

SDS # RD-0253

Product Code 0649

Recommended use of the chemical and restrictions on use

Recommended use Cement Crack Filler

Details of the supplier of the safety data sheet

Supplier Address Red Devil, Inc.
4175 Webb Street Pryor,
Oklahoma 74361
www.reddevil.com

Emergency telephone number

Company Phone Number 918-825-5744
Fax: 918-825-5761

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Grey liquid **Physical state** Liquid

Classification

This chemical does not meet the hazardous criteria set forth by the OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Aqueous polymer dispersions	Mixture	30-40
Calcium Carbonate	471-34-1	15-40
Fly ash	68131-74-8	10-20
Ethylene glycol	107-21-1	1-5
Titanium dioxide	13463-67-7	0.5-1.5
Silica, Quartz	14808-60-7	0.1-1.0

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

* Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).
(Titanium Dioxide) Inhalation of particulates unlikely due to product's physical state.

4. FIRST AID MEASURES

Description of first aid measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.

Ingestion Rinse mouth. Do not induce vomiting, unless directed by medical personnel. Never give anything by mouth to an unconscious person. Drink 1 or 2 glasses of water. Get medical attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms Prolonged or repeated skin contact may result in dermatitis (red, dry skin). Exposed individuals may experience eye tearing, redness and discomfort. Irritating to mouth, throat, and stomach if ingested. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Overexposure to vapors during application and curing may mildly irritate respiratory tract and result in coughing and sneezing.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Provide general supportive measures and treat symptomatically. May aggravate preexisting skin disorders.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Alcohol resistant foam, carbon dioxide, or dry chemical. Water spray (fog).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical Not determined.

Hazardous combustion products Carbon oxides. Silicon oxides. Nitrogen oxides (NOx).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Wear protective clothing as described in Section 8 of this safety data sheet.

For Emergency Responders Restrict access to spill area.

Self Leveling Crack **Filler 082025**

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Use absorbent material to contain spill.

Methods for Clean-Up Reclaim where possible. Sweep up absorbed material and shovel into suitable containers for disposal. Wash area with soap and water. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Contaminated work clothing must not be allowed out of the workplace. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing vapors or mists. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container closed & store in a cool, well-ventilated area. Avoid contact w/ water or moisture. Keep container from excessive heat & freezing. Store away from incompatible materials.

Incompatible Materials Strong oxidizing agents. Acids. Bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Calcium Carbonate 471-34-1	-	-	TWA: 10 mg/m^3; total dust TWA: 5 mg/m^3; respirable dust
Fly ash 68131-74-8	TWA: 1 mg/m^3 Cu dust and mist	-	TWA: 1 mg/m^3; Cu dust and mist TWA: 0.015 mg/m^3; except Nickel carbonyl Ni Ceiling: 0.05 mg/m^3 V dust and fume 15 min IDLH: 100 mg/m^3 Cu dust and mist IDLH: 10 mg/m^3 Ni
Ethylene glycol 107-21-1	TWA: 25 ppm vapor fraction STEL: 50 ppm vapor fraction STEL: 10 mg/m^3 inhalable particulate matter, aerosol only	(vacated) Ceiling: 50 ppm (vacated) Ceiling: 125 mg/m^3	-
Titanium dioxide 13463-67-7	TWA: 0.2 mg/m^3 nanoscale respirable particulate matter TWA: 2.5 mg/m^3 finescale respirable particulate matter	TWA: 15 mg/m^3 total dust (vacated) TWA: 10 mg/m^3 total dust	TWA: 2.4 mg/m^3; CIB 63 fine TWA: 0.3 mg/m^3; CIB 63 ultrafine, including engineered nanoscale IDLH: 5000 mg/m^3
Silica, Quartz 14808-60-7	TWA: 0.025 mg/m^3 respirable particulate matter	TWA: 50 $\mu g/m^3$ (vacated) TWA: 0.1 mg/m^3 respirable dust : (250)/(%SiO2 + 5) mppcf TWA respirable fraction : (10)/(%SiO2 + 2) mg/m^3 TWA respirable fraction	TWA: 0.05 mg/m^3; respirable dust IDLH: 50 mg/m^3 respirable dust

Other Information	**THIS PRODUCT IS NOT INTENDED TO BE SANDED AND SHOULD NOT PRODUCE DUST DURING NORMAL USE.** If product is sanded, appropriate respirator should be worn to avoid breathing dust. Preexisting respiratory disorders may be aggravated by exposure. If sanded, this material may generate titanium dioxide dust. Inhaled titanium dioxide has been classified by IARC as a human carcinogen (see section 11).

Appropriate engineering controls

Engineering Controls	Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Use approved safety goggles or safety glasses. If necessary, refer to appropriate regulations and standards. Refer to 29 CFR 1910.133 for eye and face protection regulations.
Skin and Body Protection	Wear protective gloves and protective clothing. Reference Wiley's "Quick Selection Guide to Chemical Protective Clothing". Refer to 29 CFR 1910.138 for appropriate skin and body protection.
Respiratory Protection	If mists or sprays are created, use appropriate respiratory protection. Oxygen levels below 19.5% considered IDLH by OSHA. In such instances, use full-facepiece pressure demand SCBA or a full facepiece, supplied air respirator w/ auxillary self-contained air supply. Refer to 29 CFR 1910.134 for respiratory protection requirements.
General Hygiene Considerations	Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Grey liquid
Color	Grey
Odor	Not determined
Odor Threshold	Not determined

Property	**Values**	**Remarks • Method**
pH	8-10	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	No data available	
Evaporation rate	Not determined	
Flammability (Solid, Gas)	Non-flammable	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor Pressure	Not determined	
Relative vapor density	Not determined	

Relative Density	1.25 – 1.38
Water Solubility	Soluble in water
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition temperature	No data available
Decomposition temperature	Not determined
Kinematic viscosity	Not applicable
Dynamic viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions None
under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Incompatible Materials. Excessive heat or cold. Moisture.

Incompatible materials
Strong oxidizing agents. Acids. Bases.

Hazardous decomposition products
Carbon oxides. Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Irritating to eyes.
Skin Contact	Repeated skin contact may cause dermatitis.
Inhalation	May cause irritation if inhaled.
Ingestion	May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium Carbonate 471-34-1	= 6450 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 3 mg/L (Rat) 4 h

Fly ash 68131-74-8	> 2000 mg/kg (Rat)	-	-
Ethylene glycol 107-21-1	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat)	> 2.5 mg/L (Rat) 6 h
Titanium dioxide 13463-67-7	> 2000 mg/kg (Rat)	-	> 5.09 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Silica (quartz) is a possible carcinogen when it appears as a respirable dust. Fly ash is not listed as a carcinogen by IARC or NTP; however, fly ash contains trace amounts of arsenic and crystalline silica which is classified by IARC and NTP as known human carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Fly ash 68131-74-8		Group 1 - Carcinogenic to humans	Known Human Carcinogen	Present
Ethylene glycol 107-21-1	A4 - Not Classifiable as a Human Carcinogen			
Titanium dioxide 13463-67-7	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans	Group 2B - Possibly carcinogenic to humans		Present

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral) 6,039.20 mg/kg
ATEmix (dermal) 4,533.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Ethylene glycol 107-21-1	EC50: 6500 - 13000mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =41000mg/L (96h, Oncorhynchus mykiss) LC50: 14 - 18mL/L (96h, Oncorhynchus mykiss) LC50: =27540mg/L (96h, Lepomis macrochirus) LC50: =40761mg/L (96h, Oncorhynchus mykiss) LC50: 40000 - 60000mg/L (96h, Pimephales promelas) LC50: =16000mg/L (96h, Poecilia reticulata)	EC50: =46300mg/L (48h, Daphnia magna)

Persistence/Degradability Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient

Ethylene glycol 107-21-1	-1.36

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Disposal methods **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AIIC
Silicon dioxide	X	ACTIVE	X	X	X	X	X	X	X
Ethyl tri(ethylmethylketoxime) Silane	X	ACTIVE	X	X	X	X	X	X	X
Methyl tri(ethylmethylketoxime) silane	X	ACTIVE	X	X	X	X	X	X	X
dimethylbis[(1oxoneodecyl)oxy]stannane	X	ACTIVE	X	X	X	X	X	X	X
Titanium dioxide	X	ACTIVE	X	X	X	X	X	X	X
N-(3-(Trimethoxysilyl)propyl)ethyl enediamine	X	ACTIVE	X	X	X	X	X	X	X

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

KECL *- Korean Existing Chemicals Inventory*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

AICS *- Australian Inventory of Chemical Substances*

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level -

pertaining to releases of this material

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Fly ash		X		

US State Regulations

California Proposition 65

WARNING: This product can expose you to ethylene glycol (developmental toxicant) and respirable crystalline silica (quartz) (trace contaminant in mineral fillers), chemicals known to the State of California to cause cancer and/or reproductive harm. This product is not designed to be sanded or otherwise generate dust during normal use; therefore exposure to respirable silica or titanium dioxide is not expected. For more information go to www.P65Warnings.ca.gov

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Fly ash 68131-74-8	X		X
Ethylene glycol 107-21-1	X	X	X
Titanium dioxide 13463-67-7	X	X	X
Silica, Quartz 14808-60-7	X	X	X

16. OTHER INFORMATION

NFPA	**Health hazards** -	**Flammability** -	**Instability** -	**Special hazards** -
HMIS	**Health hazards** -	**Flammability** -	**Physical hazards** -	**Personal protection** -

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Revision Note: New product

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.

End of Safety Data Sheet