



1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: QS 2020 P
Product Name: Quik-Shield 2020 Powder
Company Name: SWD URETHANE
539 S. Drew St.
Mesa, AZ 85210,
Web site address: www.swdurethane.com
Emergency Contact: CHEMTREC
(800) 424-9300

2. HAZARDS IDENTIFICATION

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 1
Specific Target Organ Toxicity (single exposure), Category 1
Specific Target Organ Toxicity (repeated exposure), Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H373 - May cause damage to lungs through prolonged or repeated exposure.

GHS Precaution Phrases: P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 - Get medical attention/advice if you feel unwell.
P332+313 - If skin irritation occurs, get medical advice/attention.
P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases: P405 - Store locked up.

Potential Health Effects (Acute and Chronic): Prolonged or repeated skin contact may cause dermatitis.
Chronic inhalation and ingestion may cause effects similar to those of acute inhalation and ingestion.

Inhalation: Dust is irritating to the respiratory tract. Causes respiratory tract irritation. May cause chemical bronchitis with coughing and difficulty in breathing.

Skin Contact: May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. May be harmful if absorbed through the skin.

Eye Contact: Dust may cause mechanical irritation. Causes eye burns. May result in corneal injury. May cause permanent visual impairment.

Ingestion: Low hazard for normal industrial handling. May cause irritation of the digestive tract. Causes severe pain, nausea, vomiting, diarrhea, and shock. May be harmful if swallowed.



3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
65997-15-1	Cement {Portland cement silicate}	45.0 -55.0 %
1317-65-3	Limestone {Calcium carbonate; Pigment white 18; Lithographic stone}	45.0 -55.0 %
1305-62-0	Calcium hydroxide	1.0 -5.0 %

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear. If inhaled, remove to fresh air.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
In Case of Ingestion:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid. Get medical aid immediately. Never give anything by mouth to an unconscious person.
Note to Physician:	Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flash Pt:	No data.	
Explosive Limits:	LEL: No data.	UEL: No data.
Autoignition Pt:	No data.	
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or appropriate foam.	
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Substance is nonflammable.	
Flammable Properties and Hazards:	NA.	
Hazardous Combustion Products:	NA.	

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.
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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation. Remove contaminated clothing and wash before reuse. Keep container tightly closed.
Precautions To Be Taken in Storing:	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
65997-15-1	Cement {Portland cement silicate}	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3 (E)	No data.
1317-65-3	Limestone {Calcium carbonate; Pigment white 18; Lithographic stone}	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
1305-62-0	Calcium hydroxide	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 5 mg/m3	No data.

Respiratory Equipment (Specify Type): Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear dust-proof goggles.

Protective Gloves: Wear appropriate gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to minimize contact with skin.

Engineering Controls (Ventilation etc.): Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: Gas Liquid Solid

Appearance and Odor: White.
No apparent odor.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: No data.

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): No data.

Solubility in Water: No data.

Percent Volatile: No data.

Autoignition Pt: No data.

10. STABILITY AND REACTIVITY

Stability: Unstable Stable

Conditions To Avoid - Instability: Highly alkaline when wet.

Incompatibility - Materials To Avoid: acids, Aluminum, Strong oxidizers. magnesium, Phosphorus, maleic anhydride, nitromethane, nitroethane, nitroparaffins, nitropropane. some metals.

Hazardous Decomposition or Byproducts: NA.

Possibility of Hazardous Reactions: Will occur Will not occur



Conditions To Avoid - No data available.
Hazardous Reactions:

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: Mutagenicity: See actual entry in RTECS for complete information.
Neurotoxicity: Other Studies:

Carcinogenicity/Other Information: CAS# 1317-65-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 471-34-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1305-62-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
65997-15-1	Cement {Portland cement silicate}	n.a.	n.a.	A2	n.a.
1317-65-3	Limestone {Calcium carbonate; Pigment white 18; Lithographic stone}	n.a.	n.a.	n.a.	n.a.
1305-62-0	Calcium hydroxide	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: No information reported.
Physical: No information available.
Other: No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of as common waste, unrestricted sanitary landfill.

14. TRANSPORT INFORMATION

GHS Classification: Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation
Serious Eye Damage/Eye Irritation, Category 1 - Danger! Causes serious eye damage
Specific Target Organ Toxicity (single exposure), Category 1 - Danger! Causes damage to organs {<target organs>}
Specific Target Organ Toxicity (repeated exposure), Category 2 - Warning! May cause damage to lungs through prolonged or repeated exposure

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: No information available.
UN Number:
Hazard Class: **TDG Classification:**

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
65997-15-1	Cement {Portland cement silicate}	No	No	No
1317-65-3	Limestone {Calcium carbonate; Pigment white 18; Lithographic stone}	No	No	No
1305-62-0	Calcium hydroxide	No	No	No



SAFETY DATA SHEET

Quik-Shield 2020 Powder

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
65997-15-1	Cement {Portland cement silicate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1661; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
1317-65-3	Limestone {Calcium carbonate; Pigment white 18; Lithographic stone}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 4001; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
1305-62-0	Calcium hydroxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 0322; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
65997-15-1	Cement {Portland cement silicate}	Canadian DSL: Yes; Canadian NDSL: No
1317-65-3	Limestone {Calcium carbonate; Pigment white 18; Lithographic stone}	Canadian DSL: No; Canadian NDSL: Yes
1305-62-0	Calcium hydroxide	Canadian DSL: Yes; Canadian NDSL: No

16. OTHER INFORMATION

Revision Date: 04/09/2015

Additional Information About This Product: No data available.

Company Policy or Disclaimer:

While the information and recommendations in this publication are given to the best of our knowledge, and information at the date of publication, nothing herein is to be construed as a warranty, expressed or otherwise. In all cases, it is the responsibility of the user to determine the applicability of such information, and recommendations or the suitability of any product for its own particular purpose.

The product may present hazards and should be used with caution. While certain hazards are described in this Safety Data Sheet, no guarantee is made that these are the only hazards that exist. Hazards, toxicity and behavior of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.

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