



SAFETY DATA SHEET

Quik-Shield 2100

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: QS 2100
Product Name: Quik-Shield 2100
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

Serious Eye Damage/Eye Irritation, Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: H318 - Causes serious eye damage.

GHS Precaution Phrases: P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.

GHS Storage and Disposal Phrases: No phrases apply.

Potential Health Effects (Acute and Chronic):

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin Contact: May be harmful if absorbed through the skin. Causes skin burns.

Eye Contact: May cause eye irritation. Causes eye burns.

Ingestion: Harmful if swallowed. Causes burns.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	87.0 -89.0 %
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	4.0 -6.0 %
NA	Inorganic salt	3.0 -5.0 %
NA	Surfactants	1.0 -3.0 %



4. FIRST AID MEASURES

Emergency and First Aid

Procedures:

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In Case of Skin Contact: Wash off with soap and plenty of water. Take off contaminated clothing and shoes immediately. Consult a physician.

In Case of Eye Contact: Flush eyes with water as a precaution. Continue rinsing eyes during transport to hospital. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Do NOT induce vomiting. Consult a physician.

Signs and Symptoms Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.

Note to Physician: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

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 alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information.
The product itself does not burn.

Flammable Properties and Hazards: CONDITIONS OF FLAMMABILITY:
Not flammable or combustible.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Personal precautions.
Avoid breathing vapors, mist or gas.
Environmental precautions.
No special environmental precautions required.

Sweep up and shovel. Keep in suitable, closed containers for disposal. Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Do not let product enter drains.

Pick up and arrange disposal without creating dust.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Provide appropriate exhaust ventilation at places where dust is formed. Avoid formation of dust and aerosols.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place. Hygroscopic.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water	No data.	No data.	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No data.	No data.	No data.
NA	Inorganic salt	No data.	No data.	No data.
NA	Surfactants	No data.	No data.	No data.

Respiratory Equipment (Specify Type): is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Eye Protection: Face shield and safety glasses.

Protective Gloves: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Other Protective Clothing: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Engineering Controls (Ventilation etc.): No data available.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Pink.
Mild.

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 [X]

Conditions To Avoid - Instability: No data available.

Incompatibility - Materials To Avoid: Strong acids, Strong bases, Strong oxidizing agents.

Hazardous Decomposition or Byproducts: formed under fire conditions. Nature of decomposition products unknown.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Other information on acute toxicity. No data available.
Respiratory or skin sensitization: Germ cell mutagenicity. Reproductive toxicity - no data available.
Teratogenicity: No data available.
Specific target organ toxicity -single exposure (Globally Harmonized System) Specific target organ toxicity -repeated exposure (Globally Harmonized System)
Aspiration hazard.

Irritation or Corrosion: No data available.
Serious eye damage/eye irritation:
Eyes: Skin - rabbit - Severe skin irritation - -24 h.

Carcinogenicity/Other Information: Carcinogenicity.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.
6834-92-0	Silicic acid (H2SiO3), Disodium salt	n.a.	n.a.	n.a.	n.a.
NA	Inorganic salt	n.a.	n.a.	n.a.	n.a.
NA	Surfactants	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.



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13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Product.
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging.
Dispose of as unused product. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

14. TRANSPORT INFORMATION

GHS Classification: Serious Eye Damage/Eye Irritation, Category 1 - Danger! Causes serious eye damage

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Caustic alkalai liquids, N.O.S. (Sodium metasilicate)
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN1719 **Packing Group:** III



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Caustic alkalai liquids, N.O.S. (Sodium metasilicate)
UN Number: 1719 **Packing Group:** III
Hazard Class: 8 - CORROSIVE **TDG Classification:**

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Caustic alkalai liquids, N.O.S. (Sodium metasilicate)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Caustic alkalai liquids, N.O.S. (Sodium metasilicate)

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)
7732-18-5	Water	No	No	No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No	No	No
NA	Inorganic salt	No	No	No
NA	Surfactants	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

7732-18-5	Water	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: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	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: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
NA	Inorganic salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
NA	Surfactants	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: No; CA



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PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI
CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No;
PA HSL: No; SC TAP: No; WI Air: No

CAS #	Hazardous Components (Chemical Name)
7732-18-5	Water
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt
NA	Inorganic salt
NA	Surfactants

International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No
Canadian DSL: Yes; Canadian NDSL: No
Canadian DSL: No; Canadian NDSL: No
Canadian DSL: No; Canadian NDSL: No

Regulatory Information: OSHA Status: Hazardous according to OSHA (1920.1200)

This product contains no chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 40 CFR part 372.

16. OTHER INFORMATION

Revision Date: 05/01/2015

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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