



1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: QS 2120
Product Name: Quik-Shield 2120
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

Specific Target Organ Toxicity (repeated exposure), Category 2

Skin Corrosion/Irritation, Category 2



GHS Signal Word: **Warning**

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

GHS Precaution Phrases: P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
 P264 - Wash hands thoroughly after handling.
 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.
 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:

Skin Contact: May be harmful if absorbed through the skin. May cause skin irritation.
Eye Contact: May cause eye irritation. Contact with eyes may cause severe irritation, and possible eye burns.
Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
NA	Liquid Silicone Polymer	50.45 -60.0 %
37244-96-5	Sodium potassium aluminum	15.0 -30.0 %
13463-67-7	Pigment	5.0 -15.0 %
556-67-2	Octamethylcyclotetrasiloxane	5.0 -15.0 %
22984-54-9	2-Butanone, O,O',O"-(Methylsilylidyne)Trioxime	2.0 -7.0 %
112945-52-5	Silica, Amorphous, fumed, crystal free	1.0 -3.0 %
34206-40-1	2-Butanone, O,O',O"-silanetetrayltetraoxime	0.0 -1.0 %



4. FIRST AID MEASURES

Emergency and First Aid Procedures:

In Case of Inhalation:	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.
In Case of Skin Contact:	Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.
In Case of Eye Contact:	If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation develops.
In Case of Ingestion:	If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.
Note to Physician:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Treat same as methyl alcohol poisoning.

5. FIRE FIGHTING MEASURES

Flash Pt:	≥ 128.00 F Method Used: ASTM D Closed Cup
Explosive Limits:	LEL: UEL:
Autoignition Pt:	
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. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Combustible liquid. Material will react with water and may release a flammable and/or toxic gas. Evolves heat when combined with water.
Flammable Properties and Hazards:	
Hazardous Combustion Products:	Hazardous decomposition products formed under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:	Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Soak up with a non-combustible absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).
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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Normal measures for preventive fire protection. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Ground and bond containers when transferring material. Do not get in eyes, on skin, or on clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Do not ingest or inhale. Discard contaminated shoes. Do
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not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Keep away from heat and flame.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place. Keep away from sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Liquid Silicone Polymer			
37244-96-5	Sodium potassium aluminum			
13463-67-7	Pigment	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3	
556-67-2	Octamethylcyclotetrasiloxane			
22984-54-9	2-Butanone, O,O',O''-(Methylsilylidyne)Trioxime			
112945-52-5	Silica, Amorphous, fumed, crystal free			
34206-40-1	2-Butanone, O,O',O''-silanetetrayltetraoxime			

Respiratory Equipment (Specify Type): For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Eye Protection: Safety glasses with side-shields conforming to EN166. Wear chemical splash goggles.

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. Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Impervious clothing. Complete suit protecting against chemicals. 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. Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use with adequate ventilation to ensure exposure levels are maintained below recommended limits. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

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: colored.
characteristic odor.
pH:
Melting Point:
Boiling Point:
Flash Pt: >= 128.00 F Method Used: ASTM D Closed Cup
Evaporation Rate:
Flammability (solid, gas):
Explosive Limits: LEL: UEL:
Vapor Pressure (vs. Air or mm Hg):
Vapor Density (vs. Air = 1):
Specific Gravity (Water = 1):
Solubility in Water:
Octanol/Water Partition Coefficient:
Autoignition Pt:
Decomposition Temperature:
Viscosity:

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: Strong acids, No dangerous reaction known under conditions of normal use.
Hazardous Decomposition or Byproducts: Nitrogen oxides, Carbon monoxide, Carbon dioxide, silicon dioxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.



11. TOXICOLOGICAL INFORMATION

Toxicological Information: No data available.
Irritation or Corrosion: No data available.
Carcinogenicity/Other Information: 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
NA	Liquid Silicone Polymer				
37244-96-5	Sodium potassium aluminum				
13463-67-7	Pigment		2B	A4	
556-67-2	Octamethylcyclotetrasiloxane				
22984-54-9	2-Butanone, O,O',O''-(Methylsilylidyne)Trioxime				
112945-52-5	Silica, Amorphous, fumed, crystal free				
34206-40-1	2-Butanone, O,O',O''-silanetetrayltetraoxime				

12. ECOLOGICAL INFORMATION

General Ecological Information: Not expected to be readily biodegradable.
Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

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. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
 RCRA P-Series: None listed.
 RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

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



SAFETY DATA SHEET

Quik-Shield 2120

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

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)
NA	Liquid Silicone Polymer	No	No	No
37244-96-5	Sodium potassium aluminum	No	No	No
13463-67-7	Pigment	No	No	No
556-67-2	Octamethylcyclotetrasiloxane	No	No	No
22984-54-9	2-Butanone, O,O',O''-(Methylsilyldiyl)trioxime	No	No	No
112945-52-5	Silica, Amorphous, fumed, crystal free	No	No	No
34206-40-1	2-Butanone, O,O',O''-silanetetrayltetraoxime	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

NA	Liquid Silicone Polymer	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
37244-96-5	Sodium potassium aluminum	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
13463-67-7	Pigment	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes; 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: Yes - 1; SC TAP: No; WI Air: No
556-67-2	Octamethylcyclotetrasiloxane	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test, 8A PAIR; 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
22984-54-9	2-Butanone, O,O',O''-(Methylsilyldiyl)trioxime	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
112945-52-5	Silica, Amorphous, fumed, crystal free	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
34206-40-1	2-Butanone, O,O',O''-silanetetrayltetraoxime	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA



SAFETY DATA SHEET

Quik-Shield 2120

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)****International Regulatory Lists**

NA	Liquid Silicone Polymer	Canadian DSL: No; Canadian NDSL: No
37244-96-5	Sodium potassium aluminum	Canadian DSL: Yes; Canadian NDSL: No
13463-67-7	Pigment	Canadian DSL: Yes; Canadian NDSL: No
556-67-2	Octamethylcyclotetrasiloxane	Canadian DSL: Yes; Canadian NDSL: No
22984-54-9	2-Butanone, O,O',O''-(Methylsilyldiyl)Trioxime	Canadian DSL: Yes; Canadian NDSL: No
112945-52-5	Silica, Amorphous, fumed, crystal free	Canadian DSL: Yes; Canadian NDSL: No
34206-40-1	2-Butanone, O,O',O''-silanetetrayltetraoxime	Canadian DSL: Yes; Canadian NDSL: No

16. OTHER INFORMATION

Revision Date: 06/12/2015

Additional Information About**This Product:****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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