



# SAFETY DATA SHEET

## Quik-Shield 2110

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Printed: 07/15/2016  
Revision: 06/12/2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** QS 2110  
**Product Name:** Quik-Shield 2110  
**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**

**Flammable Liquids, Category 3**



**GHS Signal Word:** Warning

**GHS Hazard Phrases:** H226 - Flammable liquid and vapor.  
H315 - Causes skin irritation.  
H373 - May cause damage to skin through prolonged or repeated exposure.

**GHS Precaution Phrases:** P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 - Keep container tightly closed.  
P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
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.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
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:** P403+235 - Store in cool/well-ventilated place.

**Potential Health Effects  
(Acute and Chronic):**

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin Contact:** Causes skin irritation. Prolonged skin exposure may cause skin sensitization.

**Eye Contact:** May cause eye irritation.

**Ingestion:** If Swallowed, product may cause aspiration hazard with possible lung damage.



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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| CAS #       | Hazardous Components (Chemical Name)            | Concentration |
|-------------|---|---------------|
| 37244-96-5  | Sodium potassium aluminum                       | 35.0 -45.0 %  |
| NA          | Distillates (Petroleum), Hydrotreated Light     | 20.0 -30.0 %  |
| NA          | Liquid Silicone Polymer                         | 20.0 -30.0 %  |
| 13463-67-7  | Pigment   | 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 %    |

### 4. FIRST AID MEASURES

#### Emergency and First Aid

##### Procedures:

|                                 |  |
|---------------------------------|--|
| <b>In Case of Inhalation:</b>   | 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.   |
| <b>In Case of Skin Contact:</b> | Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.  |
| <b>In Case of Eye Contact:</b>  | If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation develops.   |
| <b>In Case of Ingestion:</b>    | 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. |
| <b>Note to Physician:</b>       | 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

|  |   |
|--|---|
| <b>Flash Pt:</b>                         | > 108.00 F Method Used: ASTM D Closed Cup   |
| <b>Explosive Limits:</b>                 | LEL: UEL:   |
| <b>Autoignition Pt:</b>                  |   |
| <b>Suitable Extinguishing Media:</b>     | Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.   |
| <b>Fire Fighting Instructions:</b>       | <p>Wear self contained breathing apparatus for fire fighting if necessary. Further information.</p> <p>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.</p> |
| <b>Flammable Properties and Hazards:</b> |   |
| <b>Hazardous Combustion Products:</b>    |   |



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### 6. ACCIDENTAL RELEASE MEASURES

#### Protective Precautions, Protective Equipment and Emergency Procedures:

Personnel should be trained for spill response operations.

#### Steps To Be Taken In Case Material Is Released Or Spilled:

Avoid breathing vapors, mist or gas.

Environmental precautions.

Do not let product enter drains.

Keep in suitable, closed containers for disposal. Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Pick up and arrange disposal without creating dust. Sweep up and shovel. Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition.

### 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 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. 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 |
|-------------|---|----------------|---------------------|--------------|
| 37244-96-5  | Sodium potassium aluminum                         |                |                     |              |
| NA          | Distillates (Petroleum), Hydrotreated Light       |                | TLV: 0.05 mg/m3 (R) |              |
| NA          | Liquid Silicone Polymer                           |                |                     |              |
| 13463-67-7  | Pigment   | TWA: 15 (dust) | TLV: 10 mg/m3       |              |
| 22984-54-9  | 2-Butanone,<br>O,O',O''-(Methylsilyldiyl)trioxime |                |                     |              |
| 112945-52-5 | Silica, Amorphous, fumed, crystal free            |                |                     |              |



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|   |   |
|---|---|
| <b>Respiratory Equipment (Specify Type):</b>    | Maintain airborne contaminant concentrations below recommended guidelines, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states. |
| <b>Eye Protection:</b>                          | Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.   |
| <b>Protective Gloves:</b>                       | Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.   |
| <b>Other Protective Clothing:</b>               | Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.   |
| <b>Engineering Controls (Ventilation etc.):</b> | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.  |
| <b>Work/Hygienic/Maintenance Practices:</b>     | 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

|   |  |  |      |
|---|--|--|------|
| <b>Physical States:</b>                     | [ ] Gas [ X ] Liquid [ ] Solid   |  |      |
| <b>Appearance and Odor:</b>                 | Colors include white, tan, light gray, and dark gray with a slight odor. |  |      |
| <b>pH:</b>                                  |  |  |      |
| <b>Melting Point:</b>                       |  |  |      |
| <b>Boiling Point:</b>                       |  |  |      |
| <b>Flash Pt:</b>                            | > 108.00 F Method Used: ASTM D Closed Cup                                |  |      |
| <b>Evaporation Rate:</b>                    |  |  |      |
| <b>Flammability (solid, gas):</b>           |  |  |      |
| <b>Explosive Limits:</b>                    | LEL:   |  | UEL: |
| <b>Vapor Pressure (vs. Air or mm Hg):</b>   |  |  |      |
| <b>Vapor Density (vs. Air = 1):</b>         |  |  |      |
| <b>Specific Gravity (Water = 1):</b>        |  |  |      |
| <b>Solubility in Water:</b>                 |  |  |      |
| <b>Octanol/Water Partition Coefficient:</b> |  |  |      |
| <b>Autoignition Pt:</b>                     |  |  |      |
| <b>Decomposition Temperature:</b>           |  |  |      |
| <b>Viscosity:</b>                           |  |  |      |

## 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Stability:</b>                                 | Unstable [ ] Stable [ X ]   |
| <b>Conditions To Avoid - Instability:</b>         | No data available.  |
| <b>Incompatibility - Materials To Avoid:</b>      | Strong acids, Strong oxidizing agents.  |
| <b>Hazardous Decomposition or Byproducts:</b>     | When heated to decomposition temperatures this product produces noxious gases such as CO, CO <sub>2</sub> , and others. |
| <b>Possibility of Hazardous Reactions:</b>        | Will occur [ ] Will not occur [ X ]   |
| <b>Conditions To Avoid - Hazardous Reactions:</b> | No data available.  |



## 11. TOXICOLOGICAL INFORMATION

### Toxicological Information:

**Irritation or Corrosion:** Serious eye damage/eye irritation:

**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 |
|-------------|--|-----|------|-------|------|
| 37244-96-5  | Sodium potassium aluminum                      |     |      |       |      |
| NA          | Distillates (Petroleum), Hydrotreated Light    |     |      |       |      |
| NA          | Liquid Silicone Polymer                        |     |      |       |      |
| 13463-67-7  | Pigment  |     | 2B   | A4    |      |
| 22984-54-9  | 2-Butanone, O,O',O''-(Methylsilyldiyl)trioxime |     |      |       |      |
| 112945-52-5 | Silica, Amorphous, fumed, crystal free         |     |      |       |      |

## 12. ECOLOGICAL INFORMATION

**General Ecological Information:** Not expected to be readily biodegradable.

**Results of PBT and vPvB assessment:** No data available.

**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 skin through prolonged or repeated exposure  
Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation  
Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor



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### 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) |
|-------------|--|--------------|-----------|--------------|
| 37244-96-5  | Sodium potassium aluminum                      | No           | No        | No           |
| NA          | Distillates (Petroleum), Hydrotreated Light    | No           | No        | No           |
| NA          | Liquid Silicone Polymer                        | No           | No        | No           |
| 13463-67-7  | Pigment  | 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           |

### CAS # Hazardous Components (Chemical Name)

### Other US EPA or State Lists

|             |  |  |
|-------------|--|--|
| 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                    |
| NA          | Distillates (Petroleum), Hydrotreated Light    | 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          | 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                    |
| 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 |
| 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                    |

### CAS # Hazardous Components (Chemical Name)

### International Regulatory Lists

|            |   |                                      |
|------------|---|--------------------------------------|
| 37244-96-5 | Sodium potassium aluminum                   | Canadian DSL: Yes; Canadian NDSL: No |
| NA         | Distillates (Petroleum), Hydrotreated Light | Canadian DSL: No; Canadian NDSL: No  |
| NA         | Liquid Silicone Polymer                     | Canadian DSL: No; Canadian NDSL: No  |



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|             |  |                                      |
|-------------|--|--------------------------------------|
| 13463-67-7  | Pigment  | 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 |

### 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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