



SAFETY DATA SHEET

Quik-Shield 901 A

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: QS 901 A
Product Name: Quik-Shield 901 A
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

Acute Toxicity: Oral, Category 5
Skin Corrosion/Irritation, Category 2
Skin Sensitization, Category 1
Serious Eye Damage/Eye Irritation, Category 2A
Acute Toxicity: Inhalation, Category 1
Respiratory Sensitization, Category 1
Carcinogenicity, Category 2
Aquatic Toxicity (Acute), Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: H303 - May be harmful if swallowed.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H330 - Fatal if inhaled.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351 - Suspected of causing cancer .
H401 - Toxic to aquatic life.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P271 - Use only outdoors or in a well-ventilated area.
P284 - In case of inadequate ventilation, wear respiratory protection .
P285 - In case of inadequate ventilation wear respiratory protection.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P281 - Use personal protective equipment as required.
P273 - Avoid release to the environment.

GHS Response Phrases: P312 - Call a POISON CENTER/doctor/... if you feel unwell.
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P321 - Specific treatment see ... on this label.
P332+313 - If skin irritation occurs, get medical advice/attention.
P362 - Take off contaminated clothing.



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P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P310 - Immediately call a POISON CENTER/doctor/...
 P304+341 - IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
 P342+311 - If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.
 P308+313 - IF exposed or concerned: Get medical attention/advice.

GHS Storage and Disposal Phrases:

P501 - Dispose of contents/container to ...
 P405 - Store locked up.
 P403+233 - Store container tightly closed in well-ventilated place.

Potential Health Effects (Acute and Chronic):

Repeated or prolonged exposure may cause allergic reactions in sensitive individuals.

 Tissue injury in the upper respiratory tract and lungs has been observed in laboratory animals after repeated excessive exposures to MDI/polymeric MDI aerosols.

Chronic:

Inhalation:

May be fatal if inhaled. Causes respiratory tract irritation. May be fatal if inhaled. May cause asthmatic attacks due to allergic sensitization of the respiratory tract. Impaired lung functions (decreased ventilatory capacity) has been associated with overexposure to isocyanate. MDI has a very low vapor pressure. Therefore, airborne exposures are unlikely to occur unless MDI is heated or forms an aerosol or mist during pouring, frothing or spraying operations. High aerosol concentrations could cause inflammation of the lung tissue (chemical pneumonitis), chemical bronchitis with severe asthma-like wheezing, severe coughing spasms and accumulation of fluid in the lungs (pulmonary edema), which could prove fatal.

Skin Contact:

May be harmful if absorbed through the skin. Causes skin irritation. Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts. Isocyanates, in general, can cause skin discoloration (staining) and hardening of the skin after repeated exposures.

Eye Contact:

Causes eye irritation. Lachrymator (substance which increases the flow of tears).

Ingestion:

May be harmful if swallowed. May cause irritation of the digestive tract.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
25686-28-6	Modified diphenylmethane diisocyanate	40.0 -60.0 %
101-68-8	Methylenebis(phenylisocyanate) {MBI; Methylene diphenyl diisocyanate; MDI; Diphenylmethane-4,4'-diisocyanate}	20.0 -30.0 %
5873-54-1	Benzene, 1-Isocyanato-2-[(4-isocyanatophenyl)methyl]- {o-(p-Isocyanatobenzyl)phenyl isocyanate}	20.0 -30.0 %



4. FIRST AID MEASURES

Emergency and First Aid

Procedures:

In Case of Inhalation: If breathed in, move person into fresh air. If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical aid.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician. In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical aid if symptoms occur. Wash clothing before reuse.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Get medical aid.

Signs and Symptoms Of Exposure: Cough, Shortness of breath, Headache. Nausea. Vomiting, Pulmonary edema. Effects may be delayed.

Note to Physician: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. 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 alcohol-resistant foam. Water or water-based foam, if used in very large quantities, may be effective for fighting fires involving methylene bisphenyl isocyanate (MDI). However, care must be taken since the reaction between water or water-based foam and hot MDI can be vigorous.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Containers can build up pressure if exposed to heat and/or fire. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products.

Flammable Properties and Hazards: No data available.
No data available.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Personal precautions.
Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.
Environmental precautions.
Do not let product enter drains.

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Evacuate unnecessary personnel.



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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Use only with adequate ventilation.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: 2 - 8 deg.C. Store under inert gas. Moisture sensitive. Store in a cool, dry place. Keep refrigerated. (Store below 4°C/39°F.)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25686-28-6	Modified diphenylmethane diisocyanate	No data.	No data.	No data.
101-68-8	Methylenebis(phenylisocyanate) {MBI; Methylene diphenyl diisocyanate; MDI; Diphenylmethane-4,4'-diisocyanate}	CEIL: 0.02 ppm	TLV: 0.005 ppm	No data.
5873-54-1	Benzene, 1-Isocyanato-2-[(4-isocyanatophenyl)methyl]- {o-(p-Isocyanatobenzyl)phenyl isocyanate}	No data.	No data.	No data.

Respiratory Equipment (Specify Type):	Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Eye Protection:	Face shield and safety glasses.
Protective Gloves:	Handle with gloves. Wear appropriate gloves to prevent skin exposure.
Other Protective Clothing:	Choose body protection according to the amount and concentration of the dangerous substance at the work place. Wear appropriate protective clothing to prevent skin exposure.
Engineering Controls (Ventilation etc.):	Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas	[X] Liquid	[] Solid
Appearance and Odor:	amber. Musty.		
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 -	No data available.	
Instability:	High temperatures, dust generation, Moisture, At room temperature, MDI reacts slowly with water forming carbon dioxide and inert material comprised of non-toxic polyureas which could rupture closed containers.	
Incompatibility - Materials To Avoid:	Water. Amines, Strong bases, Alcohols, Strong oxidizing agents, Strong acids.	
Hazardous Decomposition or Byproducts:	formed under fire conditions. Carbon oxides, nitrogen oxides (NOx), Hydrogen cyanide, Nitrogen oxides, Carbon monoxide.	
Possibility of Hazardous Reactions:	Will occur []	Will not occur [X]
Conditions To Avoid -	No data available.	
Hazardous Reactions:		



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11. TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No data available.
 Teratogenicity: In laboratory animals, MDI/polymeric MDI did not produce birth defects. Other fetal effects occurred only at high doses which were toxic to the mother.
 Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:

Irritation or Corrosion: Serious eye damage/eye irritation:
 Eyes - rabbit - Moderate eye irritation.

Carcinogenicity/Other Information: Carcinogenicity.
 This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

Limited evidence of carcinogenicity in animal studies.
 IARC: Group 3: Not classifiable as to its carcinogenicity to humans 3.
 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# 101-68-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
 CAS# 5873-54-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
 CAS# 128-37-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25686-28-6	Modified diphenylmethane diisocyanate	n.a.	n.a.	n.a.	n.a.
101-68-8	Methylenebis(phenylisocyanate) {MBI; Methylene diphenyl diisocyanate; MDI; Diphenylmethane-4,4'-diisocyanate}	n.a.	3	n.a.	n.a.
5873-54-1	Benzene, 1-Isocyanato-2-[(4-isocyanatophenyl)methyl]-{o-(p-Isocyanatobenzyl)phenyl isocyanate}	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: Aquatic: Rapidly hydrolyzes to form an insoluble crust. Terrestrial: Will bind with moist soil and no leaching will occur. Atmospheric: Remains in the vapor phase and is degraded by photochemically produced hydroxyl radicals. Half-life = 32 hours. Will not biodegrade or bioconcentrate.
 Physical: No information available.
 Other:

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Product.
 Observe all federal, state, and local environmental regulations. 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.

Contaminated packaging.
 Dispose of as unused product. Chemical waste generators must determine whether a



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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: Acute Toxicity: Oral, Category 5 - Warning! May be harmful if swallowed
 Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation
 Skin Sensitization, Category 1 - Warning! May cause an allergic skin reaction
 Serious Eye Damage/Eye Irritation, Category 2A - Warning! Causes serious eye irritation
 Acute Toxicity: Inhalation, Category 1 - Danger! Fatal if inhaled
 Respiratory Sensitization, Category 1 - Danger! May cause allergy or asthma symptoms or breathing difficulties if inhaled
 Carcinogenicity, Category 2 - Warning! Suspected of causing cancer
 Aquatic Toxicity (Acute), Category 2 - Toxic to aquatic life
 Specific Target Organ Toxicity (single exposure), Category 3 - Warning! May cause respiratory irritation, or may cause drowsiness and dizziness

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name:

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)
25686-28-6	Modified diphenylmethane diisocyanate	No	No	Yes-Cat. N106
101-68-8	Methylenebis(phenylisocyanate) {MBI; Methylene diphenyl diisocyanate; MDI; Diphenylmethane-4,4'-diisocyanate}	No	Yes 5000 LB	Yes-Cat. N120
5873-54-1	Benzene, 1-Isocyanato-2-[(4-isocyanatophenyl)methyl]-{o-(p-Isocyanatobenzyl)phenyl isocyanate}	No	No	Yes-Cat. N106

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

25686-28-6	Modified diphenylmethane diisocyanate	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC; MA Oil/HazMat: No; MI CMR, Part 5: Part 5; NC TAP: Yes - Cat.; NJ EHS: Yes - Cat.; NY Part 597: No; PA HSL: No; SC TAP: Yes - Cat.; WI Air: No
101-68-8	Methylenebis(phenylisocyanate) {MBI; Methylene diphenyl diisocyanate; MDI; Diphenylmethane-4,4'-diisocyanate}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 8C; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 1253; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
5873-54-1	Benzene,	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes -



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1-Isocyanato-2-[(4-isocyanatophenyl)methyl]-
{o-(p-Isocyanatobenzyl)phenyl isocyanate}

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

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
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25686-28-6	Modified diphenylmethane diisocyanate	Canadian DSL: Yes; Canadian NDSL: No
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101-68-8	Methylenebis(phenylisocyanate) {MBI; Methylene diphenyl diisocyanate; MDI; Diphenylmethane-4,4'-diisocyanate}	Canadian DSL: Yes; Canadian NDSL: No
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5873-54-1	Benzene, 1-Isocyanato-2-[(4-isocyanatophenyl)methyl]- {o-(p-Isocyanatobenzyl)phenyl isocyanate}	Canadian DSL: Yes; Canadian NDSL: No
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Regulatory Information: This product contains chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372.

CAS# 25686-28-6, Modified diphenylmethane diisocyanate: 40 - 60%

CAS# 101-68-8, Methylene diphenyl diisocyanate, MDI: 20 - 30%

CAS# 5873-54-1, o-(p-Isocyanatobenzyl)phenyl isocyanate: 20 - 30%

16. OTHER INFORMATION

Revision Date: 02/03/2014

Additional Information About No data available.

This Product:



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1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: QS 901 B
Product Name: Quik-Shield 901 B
Trade Name: Quik-Shield
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

Acute Toxicity: Oral, Category 5
Skin Corrosion/Irritation, Category 1A
Skin Corrosion/Irritation, Category 1B
Skin Corrosion/Irritation, Category 1C



GHS Signal Word: **Danger**
GHS Hazard Phrases: H303+313 - May be harmful if swallowed or in contact with skin.
 H314 - Causes severe skin burns and eye damage.
GHS Precaution Phrases: P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P310 - Immediately call a POISON CENTER or doctor/physician.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.
Potential Health Effects (Acute and Chronic):
Inhalation: May be harmful if inhaled. 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: Causes eye burns.
Ingestion: May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
NA	Polyether diamine	30.0 -50.0 %
NA	Aromatic diamine	20.0 -40.0 %
NA	Aromatic diamine	10.0 -20.0 %
NA	Polyether triamine	5.0 -15.0 %



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Printed: 05/19/2015
Revision: 02/03/2014
Supersedes Revision: 10/15/2013

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. Consult a physician.
- In Case of Skin Contact:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
- In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
- In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
- Signs and Symptoms Of Exposure:** Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Cough, Shortness of breath, Headache. Nausea.
- 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:** 124.00 C Method Used: Closed Cup
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** 240.00 C
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
- Fire Fighting Instructions:** Wear self contained breathing apparatus for fire fighting if necessary.
- Flammable Properties and Hazards:** No data available.
- No data available.

6. ACCIDENTAL RELEASE MEASURES

- Steps To Be Taken In Case Material Is Released Or Spilled:** Personal precautions.
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions.
Do not let product enter drains.
- Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

- Precautions To Be Taken in Handling:** Avoid inhalation of vapor or mist.
Normal measures for preventive fire protection.
- Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



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CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Polyether diamine	No data.	No data.	No data.
NA	Aromatic diamine	No data.	No data.	No data.
NA	Aromatic diamine	No data.	No data.	No data.
NA	Polyether triamine	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye Protection: Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

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: Complete suit protecting against chemicals.

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:	Viscous. Musty.	
Melting Point:	No data. - 60.00 C	
Boiling Point:	260.00 C	
Flash Pt:	124.00 C Method Used: Closed Cup	
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.	
Density:	0.948 G/CM3	
Solubility in Water:	No data.	
Percent Volatile:	No data.	
Autoignition Pt:	240.00 C	



10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: No data available.

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

Hazardous Decomposition or Byproducts: formed under fire conditions. Carbon oxides, nitrogen oxides (NOx).

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: Skin - rabbit - Corrosive.
Serious eye damage/eye irritation:
Eyes - rabbit - Severe eye irritation.

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
NA	Polyether diamine	n.a.	n.a.	n.a.	n.a.
NA	Aromatic diamine	n.a.	n.a.	n.a.	n.a.
NA	Aromatic diamine	n.a.	n.a.	n.a.	n.a.
NA	Polyether triamine	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

Persistence and Degradability: No data available.
Biodegradability:

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. 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.

Contaminated packaging.
Dispose of as unused product.



14. TRANSPORT INFORMATION

GHS Classification: Acute Toxicity: Oral, Category 5 - Warning! May be harmful if swallowed
Skin Corrosion/Irritation, Category 1A - Danger! Causes severe skin burns and eye damage
Skin Corrosion/Irritation, Category 1B - Danger! Causes severe skin burns and eye damage
Skin Corrosion/Irritation, Category 1C - Danger! Causes severe skin burns and eye damage

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name:
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)
NA	Polyether diamine	No	No	No
NA	Aromatic diamine	No	No	No
NA	Aromatic diamine	No	No	No
NA	Polyether triamine	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

NA	Polyether diamine	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	Aromatic diamine	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; 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	Aromatic diamine	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	Polyether triamine	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

CAS # Hazardous Components (Chemical Name)

International Regulatory Lists

NA	Polyether diamine	Canadian DSL: Yes; Canadian NDSL: No
NA	Aromatic diamine	Canadian DSL: Yes; Canadian NDSL: No
NA	Aromatic diamine	Canadian DSL: Yes; Canadian NDSL: No
NA	Polyether triamine	Canadian DSL: No; Canadian NDSL: Yes



SAFETY DATA SHEET

Quik-Shield 901 B

Regulatory Information: 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: 02/03/2014

Additional Information About This Product: No data available.

Company Policy or Disclaimer:

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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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