

**SAFETY DATA SHEET**

Date Revised: 11/19/12

Date Printed: 4/8/15

===== SECTION 1 - IDENTIFICATION =====

MANUFACTURER: SIERRA CORP/TK PRODUCTS      EMERGENCY PHONE: 1-800-424-9300  
ADDRESS : 11400 WEST 47TH STREET      INFORMATION PHONE: (952)938-7223  
          MINNETONKA, MN 55343      NAME OF PREPARER : Safety Director  
PRODUCT NAME: GLOSS URETHANE, WB  
PRODUCT CODE: TK-1900

===== SECTION 2 - HAZARDS IDENTIFICATION =====

HAZARD RISK CLASSIFICATION  
SIGNAL WORD: DANGER  
PICTOGRAM:  
GHS07 - EXCLAMATION MARK    GHS08 - HEALTH HAZARD

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUIDS	CATEGORY 4
ACUTE TOXICITY	CATEGORY 4 ORAL
ACUTE TOXICITY	CATEGORY 4 DERMAL
ACUTE TOXICITY	CATEGORY 4 INHALATION
SKIN CORROSION / IRRITATION	CATEGORY 2
SERIOUS EYE DAMAGE / EYE IRRITATION	CATEGORY 2 AND 2A
TOXIC TO REPRODUCTION	CATEGORY 1 (BOTH 1A AND 1B)
TOXIC TO SPECIFIC TARGET ORGAN	CATEGORY 3
TOXICITY - SINGLE EXPOSURE	

HAZARD STATEMENTS:  
H227            Combustible liquid  
H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled  
H315            Causes skin irritation  
H319            Causes serious eye irritation.  
H335            May cause respiratory irritation  
H360            May damage fertility or the unborn child.

PRECAUTIONARY STATEMENTS:  
PREVENTION:  
P201            Obtain special instructions before use.  
P202            Do not handle until all safety precautions have been read and understood.  
P210            Keep away from heat/hot surfaces/sparks/open flames and other sources of ignition. No smoking.  
P261            Avoid breathing dust/fume/gas/mist/vapor/ spray.  
P264            Wash hands and any exposed area thoroughly after handling.  
P270            Do not eat, drink or smoke while using this product.  
P271            Use only outdoors or in well-ventilated area.  
P281            Use appropriate personal protective impervious gloves/protective clothing/ OSHA approved eye protection/ face protection.

RESPONSE:  
P301+P310      If swallowed: Immediately call a Poison Center / doctor.  
P302+P350      If on skin: Wash with plenty of soap and water.  
P304+P340      If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes.

# SAFETY DATA SHEET

Page: 2 of 4  
Process Time: 11:26 am

Date Revised: 11/19/12

Date Printed: 4/8/15

Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 If exposed or concerned: Get medical advice / attention.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P321 Specific treatment (see on this label)  
P330 Rinse mouth.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P370+P378 In case of fire: Use carbon dioxide (CO2), powder, alcohol-resistant foam to extinguish.

## STORAGE:

P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

## DISPOSAL:

P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	WEIGHT	EXPOSURE LIMITS		
		PERCENT	OSHA PEL	ACGIH TLV	OTHER
+* N-Methyl-2-Pyrrolidone	872-50-4	5.2			NOT ESTABLISHED
Dipropylene Glycol Monomethyl Ether	34590-94-8	1-10			
			100 PPM	100 PPM	150 PPM STEL
Dipropylene Glycol N-Butyl Ether	29911-28-2	1-10			
					NOT ESTABLISHED
+ 2-Butoxyethanol	111-76-2	1.1			
			25 PPM	25 PPM	

\* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

+ Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

## PRIMARY ROUTES OF EXPOSURE:

Skin contact.

## EFFECTS OF ACUTE EXPOSURE:

**EYES:** Direct contact with eyes may cause irritation.

**SKIN:** Prolonged or repeated contact may cause irritation. 2-Butoxyethanol may be absorbed through skin and produce toxic effects similar to those resulting from inhalation exposure.

**INHALATION:** Inhalation of vapor or mist can cause irritation of nose, throat and lungs and lead to headaches and nausea.

**INGESTION:** Not an anticipated route of exposure. Small amounts are not expected to be harmful.

## CHRONIC HEALTH EFFECTS:

Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to the relatively low proportion in the total mixture.

## MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No known effects on other illnesses.

## SECTION 4 - FIRST AID MEASURES

**EYES:** Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

**SKIN CONTACT:** Wash contaminated area with soap and water. Remove and launder contaminated clothing.

**INGESTION:** If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

**INHALATION:** Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

# SAFETY DATA SHEET

Page: 3 of 4  
Process Time: 11:26 am

Date Revised: 11/19/12

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## SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Greater than 200 F

METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.10

UPPER: 14.0

### EXTINGUISHING MEDIA:

This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

### SPECIAL FIREFIGHTING PROCEDURES:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Do not let uncured spilled or leaking material enter watercourse. May be toxic to aquatic life. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water. Wear appropriate protective equipment.

## SECTION 7 - HANDLING AND STORAGE

### HANDLING INFORMATION:

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

### STORAGE INFORMATION:

Keep containers tightly closed. Use and store material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post "No smoking or open flame" sign. Store only in approved containers. Keep away from incompatible materials (see section 10). Protect containers against physical damage. Indoor storage should meet OSHA standards and appropriate fire codes.

### OTHER PRECAUTIONS:

All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### RESPIRATORY PROTECTION:

No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

### VENTILATION:

General room ventilation is adequate.

### PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

### EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

### WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Various colors

ODOR: Amine or ammonia odor

SOLUBILITY IN WATER: Dilutable

SPECIFIC GRAVITY (H2O=1): 1.

VAPOR DENSITY: Heavier than air.

BOILING RANGE:

EVAPORATION RATE: Slower than nBuAc

# SAFETY DATA SHEET

Page: 4 of 4  
Process Time: 11:26 am

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COATING V.O.C.: 374 g/l (3.12 lb/gal )

## SECTION 10 - STABILITY AND REACTIVITY DATA

### STABILITY:

Stable under normal conditions and handling.

### CONDITIONS TO AVOID:

None known

### INCOMPATIBILITY (MATERIALS TO AVOID):

None known. Materials which are not compatible with water or ordinary organics will not be compatible with this material.

### HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.

### HAZARDOUS POLYMERIZATION:

Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### SENSITIZATION:

None known.

### CARCINOGENICITY:

There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

### REPRODUCTIVE TOXICITY:

2-Ethoxyethanol has been suggested as a cause of male and female reproductive fertility effects, and testis damage.

### TERATOGENICITY (BIRTH DEFECTS):

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

### MUTAGENICITY:

2-Butoxyethanol may cause blood disorders based on animal data.

## SECTION 12 - ECOLOGICAL INFORMATION

### ENVIRONMENTAL DATA:

Contains ammonia or amines which may be toxic to aquatic life.

## SECTION 13 - DISPOSAL CONSIDERATIONS

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

## SECTION 14 - TRANSPORT INFORMATION

### SHIPPING NAME:

Not regulated.

## SECTION 15 - REGULATORY INFORMATION

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372). See section 2.

### STATE SPECIFIC REQUIREMENTS:

This product contains 2-Butoxyethanol, a chemical known to the state of California to cause reproductive harm, subject to the requirements of California Proposition 65.

STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE
2-Butoxyethanol	111-76-2	CA, FL, IL, MA, ME, MN, NJ, PA, RI

## SECTION 16 - OTHER INFORMATION

REVISION DATE: 11/19/12

HMIS CODES: H	F	R	P
2	0	0	E