

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product name: **AEROGLAZE K3425A**  
 Product Use/Class: **Surfacer, Part A**

**Importer:**  
 Supplier:  
 Socomore  
 791 Westport Parkway  
 Fort Worth, TX 76177  
 Telephone: 817-335-1826

Chemtrec 24 Hr Transportation Emergency No.  
 800 424-9300 (Outside Continental U.S. 703 527-3887)

**Supplier:**

**EFFECTIVE DATE:** 08/23/2017

**2. HAZARDS IDENTIFICATION**

**GHS CLASSIFICATION:**

Flammable liquids Category 3  
 Acute toxicity Inhalation - Dust and Mist Category 4 - 58.0% of the mixture consists of ingredient(s) of unknown toxicity.  
 Skin corrosion/irritation Category 2  
 Serious eye damage/eye irritation Category 2A  
 Reproductive toxicity Category 2  
 Specific target organ systemic toxicity (single exposure) Category 3  
 Specific target organ systemic toxicity (single exposure) Category 2 Lungs, Kidney  
 Specific target organ systemic toxicity (single exposure) Category 1 Central nervous system, Liver  
 Specific target organ systemic toxicity (repeated exposure) Category 2 Liver  
 Specific target organ systemic toxicity (repeated exposure) Category 1 Respiratory system, Immune system, Kidney, Central nervous system, Peripheral nervous system, Nervous system

**GHS LABEL ELEMENTS:**

**Symbol(s)**



**Signal Word**

DANGER

**Hazard Statements**

Flammable liquid and vapor.  
 Harmful if inhaled.  
 Causes skin irritation.  
 Causes serious eye irritation.  
 Suspected of damaging fertility or the unborn child.  
 May cause harm to breast-fed children.

May cause drowsiness or dizziness.  
May cause respiratory irritation.  
May cause damage to organs.(Lungs, Kidney)  
Causes damage to organs.(Central nervous system, Liver)  
May cause damage to organs through prolonged or repeated exposure.(Liver)  
Causes damage to organs through prolonged or repeated exposure.(Respiratory system, Immune system, Kidney, Central nervous system, Peripheral nervous system, Nervous system)

### Precautionary Statements

#### Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Ground/Bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.

#### Response

In case of fire: refer to section 5 of SDS for extinguishing media.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
IF exposed: Call a POISON CENTER or doctor/physician.  
Specific treatment (see supplemental first aid instructions on this label).  
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If skin irritation occurs: Get medical advice/attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.

#### Storage

Store in a well-ventilated place. Keep cool.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

#### Disposal:

Dispose of contents/container in accordance with waste/disposal laws and regulations of your country or particular locality.

#### Other Hazards:

**This product contains component(s) which have the following warnings; however based on the GHS classification criteria of your country or locale, the product mixture may be outside the respective category(s).**

**Acute:** Vapor harmful; may affect the brain or nervous system causing dizziness, headache or nausea. Possible irritation of the respiratory system can occur causing a variety of symptoms such as dryness of the throat, tightness of the chest, and shortness of breath. May cause central nervous system depression characterized by the following progressive steps: headache, dizziness, staggering gait, confusion, unconsciousness or coma.

**Chronic:** Prolonged or repeated contact may result in dermatitis. Crystalline silica is classified by IARC and NTP as a known human carcinogen as a respirable dust. The silica in LORD products is not in a form that can be inhaled and presents no risk to the end user. No exposure is expected during normal use of this product. Sanding or abrading the cured materials is not recommended. Wear appropriate respiratory protection if exposure to dusts is possible. IARC has designated titanium dioxide (TiO<sub>2</sub>) as Group 2B □ possibly carcinogenic to humans in dust form. However, a number of long term animal studies and human epidemiology studies evaluating TiO<sub>2</sub> and workplace exposure show insufficient evidence for carcinogenic effects. EPA, NTP and OSHA do not designate TiO<sub>2</sub> as a carcinogen and ACGIH designates TiO<sub>2</sub> as A4 - not classifiable as a human carcinogen. Mortality from other chronic diseases, including other respiratory diseases, was not associated with exposure to TiO<sub>2</sub> dust. TiO<sub>2</sub> is not present in this product as a dust and no airborne exposure is expected during application. Repeated exposure to n-butyl acetate caused fetotoxic and developmental effects in laboratory animals.

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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Chemical Name	CAS Number	Range
Crystalline silica	14808-60-7	40 - 45 %
Methyl ethyl ketone	78-93-3	10 - 15 %
Titanium dioxide	13463-67-7	10 - 15 %
N-Butyl acetate	123-86-4	5 - 10 %
Diisobutyl ketone	108-83-8	1 - 5 %

#### 4. FIRST AID MEASURES

**FIRST AID - EYE CONTACT:** Flush eyes immediately with large amount of water for at least 15 minutes holding eyelids open while flushing. Get prompt medical attention.

**FIRST AID - SKIN CONTACT:** Flush contaminated skin with large amounts of water while removing contaminated clothing. Wash affected skin areas with soap and water. Get medical attention if symptoms occur.

**FIRST AID - INHALATION:** Move person to fresh air. Restore and support continued breathing. If breathing is difficult, give oxygen. Get immediate medical attention.

**FIRST AID - INGESTION:** If swallowed, do not induce vomiting. Call a physician or poison control center immediately for further instructions. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing.

**MOST IMPORTANT SYMPTOMS AND HAZARDOUS EFFECTS:** Refer to section 2 of this SDS.

**PROTECTION OF FIRST AID PROVIDER:** Appropriate protective equipment or clothing should be used.

**NOTES TO PHYSICIANS:** Treat per symptoms.

#### 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

**UNSUITABLE EXTINGUISHING MEDIA:** Not determined for this product.

**SPECIFIC HAZARDS POSSIBLY ARISING FROM THE CHEMICAL:** Flammable liquid and vapor. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, open flame, and other sources of ignition. Closed containers may rupture when exposed to extreme heat. Use water spray to keep fire exposed containers cool. During a fire, irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:** Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water spray may be ineffective. If water is used, fog nozzles are preferable.

#### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:** Remove all sources of ignition (flame, hot surfaces, and electrical, static or frictional sparks). Avoid contact. Avoid breathing vapors. Use self-contained breathing equipment.

**ENVIRONMENTAL PRECAUTIONS:** Do not contaminate bodies of water, waterways, or ditches, with chemical or used container.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Keep non-essential personnel a safe distance away from the spill area. Notify appropriate authorities if necessary. Avoid contact. Before attempting cleanup, refer to hazard caution information in other sections of the SDS form. Contain and remove with inert absorbent material.

#### 7. HANDLING AND STORAGE

**HANDLING:** Keep closure tight and container upright to prevent leakage. Ground and bond containers when transferring material. Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing of vapor or spray mists. Do not handle until all safety precautions have been read and understood. Empty containers should not be re-used. Use with adequate ventilation. Because empty containers may retain product residue and flammable vapors, keep away from heat, sparks and flame; do not cut, puncture or weld on or near the empty container. Do not smoke where this product is used or stored.

**STORAGE:** Do not store or use near heat, sparks, or open flame. Store only in well-ventilated areas. Do not puncture, drag, or slide container. Keep container closed when not in use.

**INCOMPATIBILITY:** Strong acids, bases, and strong oxidizers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### COMPONENT EXPOSURE LIMIT

Crystalline silica	14808-60-7	ACGIH-TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter
Methyl ethyl ketone	78-93-3	ACGIH-STEL: 300 ppm ACGIH-TWA: 200 ppm
Titanium dioxide	13463-67-7	ACGIH-TWA: 10 mg/m <sup>3</sup>
N-Butyl acetate	123-86-4	ACGIH-STEL: 150 ppm ACGIH-TWA: 50 ppm
Diisobutyl ketone	108-83-8	ACGIH-TWA: 25 ppm

**ENGINEERING CONTROLS:** Sufficient ventilation in pattern and volume should be provided in order to maintain air contaminant levels below recommended exposure limits. Caution: Solvent vapors are heavier than air and collect in lower levels of the work area. Sufficient ventilation (using explosion-proof equipment) should be provided to prevent flammable vapor/air mixtures from accumulating.

### PERSONAL PROTECTION MEASURES/EQUIPMENT:

**RESPIRATORY PROTECTION:** Use a NIOSH approved chemical/mechanical filter respirator designed to remove a combination of particulates and organic vapor if occupational limits are exceeded. For emergency situations, confined space use, or other conditions where exposure limits may be greatly exceeded, use an approved air-supplied respirator. For respirator use observe OSHA regulations (29CFR 1910.134) or use in accordance with applicable laws and regulations of your country or particular locality.

**SKIN PROTECTION:** Use neoprene, nitrile, or rubber gloves to prevent skin contact.

**EYE PROTECTION:** Use safety eyewear including safety glasses with side shields and chemical goggles where splashing may occur.

**OTHER PROTECTIVE EQUIPMENT:** Use disposable or impervious clothing if work clothing contamination is likely. Remove and wash contaminated clothing before reuse.

**HYGIENIC PRACTICES:** Wash hands before eating, smoking, or using toilet facility. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Typical values, not to be used for specification purposes.

<b>PHYSICAL STATE:</b>	Liquid	<b>VAPOR PRESSURE:</b>	N.D.
<b>APPEARANCE:</b>	Gray	<b>VAPOR DENSITY:</b>	Heavier than Air
<b>ODOR:</b>	Solvent	<b>DENSITY:</b>	1.57 g/cm <sup>3</sup>
<b>ODOR THRESHOLD:</b>	N.D.	<b>SOLUBILITY IN H<sub>2</sub>O:</b>	Insoluble
<b>pH:</b>	N.A.	<b>COEFFICIENT OF WATER/OIL DISTRIBUTION:</b>	N.D.
<b>FREEZE POINT:</b>	N.D.	<b>AUTOIGNITION TEMPERATURE:</b>	N.D.
<b>BOILING RANGE:</b>	80 - 168 °C	<b>DECOMPOSITION TEMPERATURE:</b>	N.D.

<b>FLASH POINT:</b>	80 °F, 26 °C Setaflash Closed Cup	<b>VISCOSITY, DYNAMIC:</b>	≥80 mPa.s @ 25 °C
<b>EVAPORATION RATE:</b>	Slower than n-butyl- acetate	<b>VISCOSITY, KINEMATIC:</b>	≥51 mm <sup>2</sup> /s @ 25 °C
<b>FLAMMABILITY</b>	N.D.	<b>VOLATILE BY WEIGHT:</b>	24.37 %
<b>LOWER EXPLOSIVE LIMIT:</b>	0.8 %(V)	<b>VOLATILE BY VOLUME:</b>	46.01 %
<b>UPPER EXPLOSIVE LIMIT:</b>	11.4 %(V)	<b>VOC CALCULATED:</b>	3.18 lb/gal, 381 g/l

**LEGEND:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

### 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Hazardous polymerization will not occur under normal conditions.

**STABILITY:** Product is stable under normal storage conditions.

**CONDITIONS TO AVOID:** High temperatures. Sources of ignition.

**INCOMPATIBILITY:** Strong acids, bases, and strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, Metal oxides

### 11. TOXICOLOGICAL INFORMATION

**EXPOSURE PATH:** Refer to section 2 of this SDS.

**SYMPTOMS:** Refer to section 2 of this SDS.

**CHRONIC EFFECTS:** Refer to section 2 of this SDS.

**TOXICITY MEASURES:**

**Acute toxicity Inhalation - Dust and Mist:** Category 4 - Harmful if inhaled.

Components contributing to classification: Methyl ethyl ketone. N-Butyl acetate. Diisobutyl ketone.

Chemical Name	LD50/LC50
Crystalline silica	N.D.
Methyl ethyl ketone	Oral LD50: Rat 2,483 mg/kg Dermal LD50: Rabbit 5,000 mg/kg Inhalation LC50: Rat 11700 ppm/4 h
Titanium dioxide	Oral LD50: Rat > 10,000 mg/kg Dermal LD50: rabbit > 5,000 mg/kg GHS LC50 (vapour): Acute toxicity point estimate 55 mg/l
N-Butyl acetate	Oral LD50: Rat 10,768 mg/kg Dermal LD50: Rabbit > 17,600 mg/kg Inhalation LC50: Rat 390 ppm/4 h Inhalation LC50: rat 22 mg/l /4 h
Diisobutyl ketone	Oral LD50: Rat 5,750 mg/kg Dermal LD50: Rabbit 16 g/kg Inhalation LC50: Rat >2300 ppm/4 h

**Skin corrosion/irritation:** Category 2 - Causes skin irritation.

Components contributing to classification: Methyl ethyl ketone. Diisobutyl ketone.

**Serious eye damage/eye irritation:** Category 2A - Causes serious eye irritation.

Components contributing to classification: Methyl ethyl ketone. Titanium dioxide. N-Butyl acetate. Diisobutyl ketone.

**Skin sensitization:** No classification proposed

**Respiratory sensitization:** No classification proposed

**Germ cell mutagenicity:** No classification proposed

**Carcinogenicity:** No classification proposed

**Reproductive toxicity:** Category 2 - Suspected of damaging fertility or the unborn child. May cause harm to breast-fed children.

Components contributing to classification: Toluene.

**Specific target organ systemic toxicity (single exposure):** Category 3 - May cause drowsiness or dizziness.

Components contributing to classification:

**Specific target organ systemic toxicity (single exposure):** Category 3 - May cause respiratory irritation.

Components contributing to classification:

**Specific target organ systemic toxicity (single exposure):** Category 2 - May cause damage to organs.(Lungs, Kidney)

Components contributing to classification: Methyl ethyl ketone. N-Butyl acetate. Diisobutyl ketone.

**Specific target organ systemic toxicity (single exposure):** Category 1 - Causes damage to organs.(Central nervous system, Liver)

Components contributing to classification: Methyl ethyl ketone. N-Butyl acetate. Diisobutyl ketone.

**Specific target organ systemic toxicity (repeated exposure):** Category 2 - May cause damage to organs through prolonged or repeated exposure.(Liver)

Components contributing to classification: Crystalline silica. Methyl ethyl ketone.

**Specific target organ systemic toxicity (repeated exposure):** Category 1 - Causes damage to organs through prolonged or repeated exposure.(Respiratory system, Immune system, Kidney, Central nervous system, Peripheral nervous system, Nervous system)

Components contributing to classification: Crystalline silica. Methyl ethyl ketone.

**Aspiration hazard:** No classification proposed

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:**

<b>Chemical Name</b>	<b>Ecotoxicity</b>
Crystalline silica	N.D.
Methyl ethyl ketone	<u>Fish:</u> Pimephales promelas 3,130 - 3,320 mg/196 h flow-through <u>Invertebrates:</u> Daphnia magna > 520 mg/148 h Daphnia magna 5,091 mg/148 h Daphnia magna 4,025 - 6,440 mg/148 h Static
Titanium dioxide	N.D.
N-Butyl acetate	<u>Fish:</u> Lepomis macrochirus 100 mg/196 h Static Pimephales promelas 17 - 19 mg/196 h flow-through <u>Plants:</u> Desmodemus subspicatus 674.7 mg/172 h
Diisobutyl ketone	<u>Fish:</u> Oncorhynchus mykiss 140 mg/196 h semi-static <u>Plants:</u> Pseudokirchneriella subcapitata 100 mg/196 h

**PERSISTENCE AND DEGRADABILITY:** Not determined for this product.

**BIOACCUMULATIVE:** Not determined for this product.

**MOBILITY IN SOIL:** Not determined for this product.

**OTHER ADVERSE EFFECTS:** Not determined for this product.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Dispose of contents/container in accordance with waste/disposal laws and regulations of your country or particular locality.

**14. TRANSPORT INFORMATION**

**US DOT Road**

**DOT Proper Shipping Name:** Paint

**DOT Hazard Class:** 3  
**SECONDARY HAZARD:** None  
**DOT UN/NA Number:** 1263  
**Packing Group:** III  
**Emergency Response Guide Number:** 128

**IATA Cargo**

**PROPER SHIPPING NAME:** Paint  
**DOT Hazard Class:** 3  
**HAZARD CLASS:** None  
**UN-NUMBER:** 1263  
**PACKING GROUP:** III  
**EMS:** 3L

**IMDG**

**PROPER SHIPPING NAME:** Paint  
**DOT Hazard Class:** 3  
**HAZARD CLASS:** None  
**UN-NUMBER:** 1263  
**PACKING GROUP:** III  
**EMS:** F-E

The listed transportation classification applies to non-bulk shipments. It does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors. For the most accurate shipping information, refer to your transportation/compliance department.

<b>15. REGULATORY INFORMATION</b>
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**INTERNATIONAL REGULATIONS: AS FOLLOWS -**

**CEPA STATUS:** All components of this product are on the Canadian DSL list.

<b>16. OTHER INFORMATION</b>
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**Revision:** Section 2

**Effective Date:** 08/23/2017

<b>DISCLAIMER</b>
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The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.