

QUIKRETE**CEMENT & CONCRETE PRODUCTS™****F6****SAFETY DATA SHEET**
(Complies with OSHA 29 CFR 1910.1200)**SECTION I: PRODUCT IDENTIFICATION**

The QUIKRETE® Companies
 One Securities Centre
 3490 Piedmont Road, Suite 1300
 Atlanta, GA 30305

Emergency Telephone Number
 (770) 216-9580
 Information Telephone Number
 (770) 216-9580

SDS F6A
 Revision: Jun-16

| QUIKRETE® Product Name | Item #(s) |
|--------------------------------|------------------|
| FASTSET™ CONCRETE CRACK REPAIR | 8620-49 (Part A) |

Product Use: Low viscosity repair material for horizontal surfaces

SECTION II - HAZARD IDENTIFICATION**Hazard Statements**

Acute Toxicity - Category 4 – Inhalation
 Skin Irritation - Category 2
 Eye Irritation - Category 2B
 Respiratory Sensitization - Category 1
 Skin Sensitization - Category 1
 STOT SE - Category 3
 STOT RE - Category 2 – Inhalation

Pictograms**GHS Label elements, including precautionary statements**

Signal word Danger



CEMENT & CONCRETE PRODUCTS™

Hazard statement(s)

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray.

Wash skin thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

Use personal protective equipment as required.

In case of inadequate ventilation wear respiratory protection.

Response

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If exposed or concerned: Get medical advice/attention.

If skin irritation or a rash occurs: Get medical advice/attention.

If eye irritation persists: get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Storage

Store locked up.

Store in a well ventilated place. Keep container tightly closed.

Disposal

Dispose of contents/container to appropriately licensed chemical waste/drum reclamation facilities.

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| <u>CAS Number</u> | <u>Content %</u> | <u>Chemical Name</u> |
|-------------------|------------------|-----------------------------------|
| 9016-87-9 | 30 - 50 | Polymeric MDI |
| 6846-50-0 | 20 - 40 | 2,2,4-trimethyl-1,3-pentanediol |
| diisobutyrate | | |
| 101-68-8 | 10 - 20 | 4,4'-Diphenylmethane Diisocyanate |

Exact concentrations have been withheld as a Trade Secret.

SECTION IV – FIRST AID MEASURES

Precautions: First aid providers should avoid direct contact with this chemical. Wear protective equipment as necessary.

**CEMENT & CONCRETE PRODUCTS™****Inhalation:**

Move to an area free from risk of further exposure. Obtain medical attention. Administer oxygen or artificial respiration as needed. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours. Extreme asthmatic reactions can be life threatening.

Eyes:

Flush with plenty of water, preferably lukewarm for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Skin:

Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. For severe exposures, get under safety shower and begin rinsing. Seek medical attention if irritation develops or persists after the area is washed.

Ingestion:

DO NOT INDUCE VOMITING. Wash mouth out with water. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Consult physician.

Note to Physician:

EYES- Stain for evidence of corneal injury. If cornea is burned, instill antibiotic/steroid as needed. Workplace vapors could produce reversible corneal epithelial edema impairing vision. SKIN-This compound is a skin sensitizer. Treat symptomatically as for contact dermatitis or thermal burns. INGESTION- Treat symptomatically. There is no specific antidote. Inducing vomiting is contraindicated because of the irritating nature of this compound. RESPIRATORY- Treatment is essentially symptomatic. An individual having a dermal or pulmonary sensitization reaction to this material should be removed from exposure to any diisocyanate.

SECTION V - FIRE FIGHTING MEASURES

Flash Point: 198.8°C (390°F)

Flammable Limits: N/A

Extinguisher Media:

Dry Chemical, CO₂, chemical foam, water spray

Special Instructions:

Firefighters should wear NFPA compliant structural firefighting protective equipment, including self-contained breathing apparatus and NFPA compliant helmet, hood, boots and gloves. Avoid contact with product. Decontaminate equipment and protective clothing prior to reuse. During a

**CEMENT & CONCRETE PRODUCTS™**

fire, isocyanate vapors and other irritating, highly toxic gases may be generated by thermal decomposition or combustion. Exposure to heated diisocyanate can be extremely dangerous.

Unusual Hazards:

Closed container may forcibly rupture under extreme heat or when contents are contaminated with water (CO₂ formed). Use cold-water spray to cool fire-exposed containers to minimize the risk of rupture. Large fires can be extinguished with large volumes of water applied from a safe distance, since reaction between water and hot diisocyanate can be vigorous.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Evacuate non-emergency personnel. Isolate the area and prevent access. Remove ignition sources. Notify management. Put on protective equipment. Control source of the leak. Ventilate area. Contain the spill to prevent spread into drains, sewers, water supplies, or soil. Major spill or leak (Standing liquid); released material may be pumped into closed, but not sealed, metal container for disposal. Process can generate heat. Minor spill or leak (Wet surface): cover spill area with suitable absorbent material (Kitty Litter Oil Dry). Saturate absorbent material with neutralization solution and mix. Wait 15 minutes. Collect material in open-head metal containers. Repeat application of decontamination solution, with scrubbing, followed by absorbent until the surface is decontaminated. Check for residual surface contamination. Swype® test kits have been used for this purpose. Apply lid loosely and allow containers to vent for 72 hours to let carbon dioxide (CO₂) escape. Decontamination: mixture of water (80%) with non-ionic surfactant Tergitol® TMN-10 (20%), or; water (90%), concentrated ammonia (3-8%) and detergent (2%). Notify CHEM-TEL (1.800.255.3924) for releases of this product during the course of distribution.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Storage Temperature: 64 °F (18 °C) / 86 °F (30 °C)

Handling and Storage Precautions:

Do not breathe vapors, mists, or dusts. Use adequate ventilation to keep airborne isocyanate levels below the exposure limits. Wear respiratory protection if material is heated sprayed, used in a confined space, or if the exposure limit is exceeded. Warning properties (irritation of the eyes, nose and throat or odor) are not adequate to prevent chronic overexposure from inhalation. This material can produce asthmatic sensitization upon either single inhalation exposure to a relatively high concentration or upon repeated inhalation exposures to lower concentrations. Employees with lung or breathing problems or prior allergic reactions to isocyanates must not be exposed to vapor or spray mist. Avoid contact with skin and eyes. Wear appropriate eye and skin protection. Wash thoroughly after handling. Do not breathe smoke and gases created by overheating or burning this material. Decomposition products can be highly toxic and irritating. Store in tightly closed containers to prevent moisture



CEMENT & CONCRETE PRODUCTS™

contamination. Do not seal if contamination is suspected. Employee education and training in the safe use and handling of this compound are required under the OSHA Hazard Communication Standard 29 CFR 1910.1200

SECTION VIII – EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION

Exposure Limits:

ACGIH: .005 ppm TWA .051 mg/m³
OSHA: .02 ppm Ceiling .20 mg/m³ Ceiling

Eye Protection:

When directly handling liquid product, eye protection is required. Examples of eye protection include a chemical safety goggle, or chemical safety goggle in combination with a full face shield when there is a greater risk of splash.

Skin/Body Protection:

Avoid all skin contact. Depending on the conditions of use, cover as much of the exposed skin area as possible with appropriate clothing to prevent skin contact. Gloves should be worn. Nitrile rubber showed excellent resistance. Butyl rubber, neoprene and PVC are also effective.

Ventilation:

Local exhaust should be used to maintain levels below the TLV whenever MDI is heated, sprayed or aerosolized. Standard reference sources regarding industrial ventilation (i.e., ACGIH Industrial Ventilation) should be consulted for guidance about adequate ventilation. To ensure that published limits have not been exceeded, monitoring for airborne diisocyanate should become part of the overall employee exposure characterization program.

Respirator Requirements:

Airborne MDI concentrations greater than the ACGIH TLV-TWA (TLV) or OSHA PEL-C (PEL) can occur in inadequately ventilated environments when MDI is sprayed, aerosolized, or heated. In such cases, respiratory protection must be worn. The type of respiratory protection selected must comply with the requirements set forth in OSHA's Respiratory Protection Standard (29 CFR 1910.134). The type of respiratory protection available includes (1) an atmosphere-supplying respirator such as a self-contained breathing apparatus (SCBA) or a supplied air respirator (SAR) in the positive pressure or continuous flow mode, or (2) an air-purifying respirator (APR). If an APR is selected then (a) the cartridge must be equipped with an end-of-service life indicator (ESLI) certified by NIOSH, or (b) a change out schedule based on information or data that will ensure that the cartridges are changed out before the end of their service life, must be developed and implemented. The basis for the change out schedule must be described in a written respirator program. Further, if an APR is selected, the airborne diisocyanate concentration must be no greater than 10 times the TLV or PEL. The recommended APR cartridge is an organic vapor/particulate filter combination cartridge (OV/P100).



CEMENT & CONCRETE PRODUCTS™

Medical Surveillance:

All applicants who are assigned to an isocyanate work area should undergo a pre-placement medical evaluation. A history of eczema or respiratory allergies such as hay fever, are possible reasons for medical exclusion from isocyanate areas. Applicants who have a history of adult asthma should be restricted from work with isocyanates. Applicants with a history of prior isocyanate sensitization should be excluded from further work with isocyanates. A comprehensive annual medical surveillance program should be instituted for all employees who are potentially exposed to diisocyanates. Once a worker has been diagnosed as sensitized to any isocyanate, no further exposure can be permitted.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

These data do not represent technical or sales specifications.

| | |
|----------------------|---|
| Physical State: | Liquid |
| Color: | Dark Brown to Black |
| Odor: | Slight musty odor |
| Solubility in Water: | Insoluble- Reacts slowly with water to liberate CO ₂ gas |
| Specific Gravity: | 1.24 @ 77 °F (25 °C) |
| Vapor Pressure: | <0.0001 mm Hg @ 77 °F (25 °C) |
| VOC Content: | See section 9 of part B for VOC content |
| Freezing Point: | <32 °F (<0 °C) for the active ingredient |
| Boiling Point: | 406°F (208°C) |
| Flash Point: | 390 °F (198.89 °C) (Pensky-Martens Closed-Cup (ASTM D-93)) |

SECTION X – STABILITY AND REACTIVITY

Hazardous Reactions:

Contact with moisture, other materials that react with isocyanates, or temperatures above 350 °F (177 °C), may cause polymerization.

Material to Avoid:

Water, amines, strong bases, alcohols, copper alloys, aluminum.

Decomposition Product:

By high heat and fire: carbon monoxide, oxides of nitrogen, hydrogen cyanide, carbon dioxide, dense black smoke, isocyanate, isocyanic acid, other undetermined compounds.

SECTION XI – TOXICOLOGICAL INFORMATION

Toxicity data based on polymeric MDI

**CEMENT & CONCRETE PRODUCTS™****Acute Toxicity:**

Oral LD50- Greater than 2,000 mg/kg (Rat Male/Female)

Skin Irritation:

Slightly irritating (Rabbit)

Inhalation LC50:

490 mg/m³, vapor, 4 h (Rat)

Repeated Dose Toxicity:

90 days inhalation: NOAEL: 1 mg/m³, (Rat Male/Female, 6 hrs/day 5 days/week). Irritation to lungs and nasal cavity. 2 years inhalation: NOAEL: 0.2 mg/m³, (Rat Male/Female, 6 hrs/day 5 days/week) Irritation to lungs and nasal cavity.

Mutagenicity:

Genetic Toxicity in Vitro: Bacterial- gene mutation assay: negative (Salmonella typhimurium, Metabolic Activation: with/without).

Carcinogenicity:

Rat, Male/Female, inhalation, 2 years, 6 hrs/day 5 days/week: Exposure to a level of 6 mg/m³ polymeric MDI was related to the occurrence of lung tumors. This level is significantly over the TLV for MDI.

Toxicity/ Teratogenicity:

Rat, Female, inhalation, gestation days 6-15, 6 hrs/day, NOAEL (teratogenicity): 12 mg/m³, NOAEL (maternal): 4 mg/m³- No Teratogenic effects observed at doses tested. Fetotoxicity seen only with maternal toxicity.

Toxicity Data For 4,4'-Diphenylmethane Diisocyanate (MDI)**Acute Toxicity:**

Dermal LD50- >10,000 mg/kg(Rabbit). Inhalation LC50- 369 mg/m³, 4 hrs (Rat Male/Female); >2240 mg/m³, aerosol, 1 hr (Rat).

Skin Irritation:

Rabbit, Draize Test, slightly irritating.

Eye Irritation:

Rabbit, Draize Test, slightly irritating.

CEMENT & CONCRETE PRODUCTS™**Sensitization:**

Dermal: sensitizer (guinea pig, Maximisation Test (GPMT)); inhalation: sensitizer (guinea pig).

Repeated Dose Toxicity:

90 days inhalation: NOAEL: 0.3 mg/m³, (Rat Male/Female, 18 hrs/day 5 days/week).
Irritation to lungs and nasal cavity.

Mutagenicity:

Genetic Toxicity in Vitro: Ames: (Salmonella typhimurium, Metabolic Activation: with/without). Positive and negative results were reported. The use of certain solvents which rapidly hydrolyze diisocyanates is suspected of producing the positive mutagenicity results. Genetic Toxicity in Vivo: Micronucleus Assay: negative (Mouse).

Carcinogenicity:

Rat, Female, inhalation, 2 years, 17 hrs/day 5 days/week: negative.

SECTION XII – ECOLOGICAL INFORMATION

Biodegradation- 0%, exposure time 28 days.

Bioaccumulation- Rainbow trout, exposure time 112 d, <1 BCF

Acute and Prolonged Toxicity To Fish- LC0: >1,000 mg/l (Zebra fish (Brachydanio rerio), 96 hrs); LC0: >3,000 mg/l (Killifish (Oryzias latipes), 96 h)

Acute Toxicity to Aquatic Invertebrates- EC50: >1,000 mg/l (Water flea (Daphnia magna), 24 hrs)

Toxicity to Aquatic Plants- NOEC: 1,640 mg/l, End Point: growth (Green algae (Scenedesmus subspicatus), 72 hrs).

Toxicity to Microorganisms- EC50: > 100 mg/l, (Activated sludge microorganisms, 3 hrs)

Additional Ecotoxicological Remarks- Ecotoxicity data based on polymeric MDI.

Acute and Prolonged Toxicity to Fish- LC50: > 500 mg/l (Zebra fish (Brachydanio rerio), 24 hrs)

Acute Toxicity to Aquatic Invertebrates- EC50: > 500 mg/l (Water flea (Daphnia magna), 24 hrs)



CEMENT & CONCRETE PRODUCTS™

SECTION XIII – DISPOSAL CONSIDERATIONS

If the material as supplied becomes a waste, dispose in accordance with federal, state and local regulations.

SECTION XIV – TRANSPORT INFORMATION

This product is not regulated as a hazardous material for transportation, when in individual containers of less than 11111 lbs (5039.5 kgs).

SECTION XV – OTHER REGULATORY INFORMATION

| HMIS Rating | |
|-----------------|---|
| Health | 2 |
| Flammability | 1 |
| Physical Hazard | 0 |
| PPE | G |

NFPA Rating



Hazard Rating: 0 = minimal, 1 = Slight, 2 = moderate, 3 = severe, 4 = extreme

OSHA:

This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status:

Listed on TSCA Inventory.

EPA CERCLA Hazardous Substance (40 CFR 302):

4,4' Diphenylmethane Diisocyanate (MDI), CAS # 101-68-8. Reportable Quantity: 5000 lbs.

SARA Title III:

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)- None. Section 311/312 Hazard Categories- Acute Health Hazard, Chronic Health Hazard. Section 313 Toxic Chemicals (40 CFR 372.65)- Polymeric Diphenylmethane Diisocyanate (pMDI); 4,4' Diphenylmethane Diisocyanate (MDI).

RCRA Status:

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to

**CEMENT & CONCRETE PRODUCTS™**

determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

This product contains a trace (ppm) amount of phenyl isocyanate (CAS# 103-71-9) and monochlorobenzene (CAS# 108-90-7) as impurities.

California Proposition 65- To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

SECTION XVI – OTHER INFORMATION

Last Updated: June 24, 2016

MANUFACTURER DISCLAIMER: This SDS to the best of our knowledge conforms to the requirements of OSHA 29 CFR 1910.1200, 91/155/EEC and summarizes the health and safety hazard information and general guidance on how to safely handle the material at the date of issue. Each user must review the SDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Responsibility for the product sold is subject to our standard terms and conditions, a copy of which is available upon request. This company warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, **NO GUARANTEE, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS, OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE MERCHANTABILITY OR SUITABILITY OR FITNESS OF ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS FOR ANY PARTICULAR USE OR PURPOSE, OR THAT ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS OR THE USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT.** Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. Liability by this company for all claims, whether arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. For all products listed, the user should obtain detailed information on toxicity, together with the proper shipping, handling and storage procedures, and comply with all applicable safety and environmental standards. Toxicity and risk characteristics of chemical compounds and other products may differ when used with other materials or in a manufacturing or other process. Those risk characteristics should be determined by the user and made known to handlers, processors, and end users.

End of SDS



CEMENT & CONCRETE PRODUCTS™

F6
SAFETY DATA SHEET
 (Complies with OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies
 One Securities Centre
 3490 Piedmont Road, Suite 1300
 Atlanta, GA 30305

Emergency Telephone Number
 (770) 216-9580
 Information Telephone Number
 (770) 216-9580

SDS F6B
 Revision: Jun-16

| QUIKRETE® Product Name | Item #(s) |
|--------------------------------|------------------|
| FASTSET™ CONCRETE CRACK REPAIR | 8620-49 (Part B) |

Product Use: Low viscosity repair material for horizontal surfaces

SECTION II - HAZARD IDENTIFICATION
Hazard Statements

Acute Toxicity - Category 4 – Oral
 Acute Toxicity - Category 4 – Dermal
 Eye Irritation - Category 2
 STOT RE - Category 2

Pictograms

GHS Label elements, including precautionary statements

Signal word Danger

Hazard statement(s)
 Harmful if swallowed.


CEMENT & CONCRETE PRODUCTS™

May cause skin irritation.
 Causes serious eye irritation.
 May cause damage to organs through prolonged or repeated exposure if inhaled.
 Harmful to aquatic life with long lasting effects.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Wash thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use in a well-ventilated area.
 Avoid release to the environment.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Get Medical advice/attention if you feel unwell.
 If skin irritation occurs.
 Wash contaminated clothing before reuse.
 Collect spillage.
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 IF ON SKIN: Wash with plenty of soap and water.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 IF IN EYES: Rinse continuously with water for several minutes.
 Remove contact lenses if present and easy to do – continue rinsing.
 If eye irritation persists: get medical advice/attention.

Storage

Store in a well ventilated place. Keep container tightly closed.

Disposal

Dispose of contents/container to appropriately licensed chemical waste/drum reclamation facilities.

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| CAS Number | Content % | Chemical Name |
|-------------------|------------------|---|
| 6846-50-0 | 30 - 50 | 2,2,4-trimethyl-1,3-pentanediol diisobutyrate |
| 102-60-3 | 15 - 30 | N,N,N',N'-Tetrakis (2-Hydroxypropyl) Ethylenediamine |
| 25791-96-2 | 10 - 20 | Polyether Triol |
| 110-63-4 | 1 - 7 | 1,4-Butanediol |

Exact concentrations have been withheld as a Trade Secret.

SECTION IV – FIRST AID MEASURES

Inhalation:



CEMENT & CONCRETE PRODUCTS™

Move to an area free from risk of further exposure. Get medical attention if problems persist.

Eyes:

Flush with plenty of water, preferably lukewarm for at least 15 minutes, holding eyelids open all the time.

Get medical attention if problems persist.

Skin:

Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. For severe exposures, get under safety shower and begin rinsing. Seek medical attention if irritation develops or persists after the area is washed.

Ingestion: DO NOT INDUCE VOMITING. Wash mouth out with water. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Consult physician.

SECTION V - FIRE FIGHTING MEASURES

Flash Point: 129°C (265°F) TAG Closed Cup.

Flammable Limits: N/A

Extinguisher Media

Dry Chemical; Carbon Dioxide; Water spray for large fires.

Special Instructions:

Use water to cool containers. Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Product is slightly soluble in water. Dike spill area. Absorb with clay, sand, or other commercial absorbant for disposal. If transportation spill call CHEM-TEL (1.800.255.3924).

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Storage Temperature: 65 °F (18 °C) / 85 °F (30 °C); Do not exceed 120 °F.

Special Sensitivity:

Opened containers should be protected with a dry air or nitrogen padding. A drierrite or silica gel drying system on the vents can also be used.

SECTION VIII – EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION


CEMENT & CONCRETE PRODUCTS™
Eye Protection Requirements:

Safety glasses with sideshields.

Skin Protection Requirements:

Not normally required. Chemical resistant gloves recommended.

Ventilation Requirements:

Local exhaust ventilation is recommended if vapors, mists, or aerosols are generated. Otherwise, use general exhaust ventilation.

Respirator Requirements:

None normally required.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

These data do not represent technical or sales specifications.

| | |
|-------------------------|---|
| Physical State: | Liquid |
| Color: | Light Gray |
| Evaporation Rate: | N/A |
| Odor: | Slight |
| Specific Gravity(g/cc): | N/D |
| Vapor Pressure: | 0.1 mm Hg @ 77°F (25°C) |
| VOC Content: | 13 g/L (tested per ASTM D2369, Method D) 1 g/L (tested per ASTM D2369, Method E) |
| pH: | N/D |
| Boiling Point: | N/D |

SECTION X – STABILITY AND REACTIVITY

Stability:

Stable

Incompatibilities:

Strong oxidizers, strong alkalis

Decomposition products:

Carbon monoxide, carbon dioxide, nitrogen oxides

SECTION XI – TOXICOLOGICAL INFORMATION

CEMENT & CONCRETE PRODUCTS™

No data available at this time

SECTION XII – ECOLOGICAL INFORMATION

No data available at this time

SECTION XIII – DISPOSAL CONSIDERATIONS

If the material as supplied becomes a waste, dispose in accordance with federal, state and local regulations.

SECTION XIV – TRANSPORT INFORMATION

This product is not regulated as a hazardous material for transportation.

SECTION XV – OTHER REGULATORY INFORMATION

| HMIS Rating | |
|-----------------|---|
| Health | 1 |
| Flammability | 1 |
| Physical Hazard | 0 |
| PPE | B |

NFPA Rating

Hazard Rating: 0 = minimal, 1 = Slight, 2 = moderate, 3 = severe, 4 = extreme

OSHA Status:

Hazardous/Irritant

TSCA Status:

Components are listed on TSCA Inventory

CERCLA RQ:

N/A

SARA Title III:

Section 302 Extremely Hazardous Substance- None.

Section 311/312 Hazard Categories- Immediate Health Hazard, Delayed Health Hazard.

Section 313 Toxic Chemicals- None.

**CEMENT & CONCRETE PRODUCTS™**

SECTION XVI – OTHER INFORMATION

Last Updated: June 24, 2016

MANUFACTURER DISCLAIMER: This SDS to the best of our knowledge conforms to the requirements of OSHA 29 CFR 1910.1200, 91/155/EEC and summarizes the health and safety hazard information and general guidance on how to safely handle the material at the date of issue. Each user must review the SDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Responsibility for the product sold is subject to our standard terms and conditions, a copy of which is available upon request. This company warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTEE, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS, OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE MERCHANTABILITY OR SUITABILITY OR FITNESS OF ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS FOR ANY PARTICULAR USE OR PURPOSE, OR THAT ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS OR THE USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. Liability by this company for all claims, whether arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. For all products listed, the user should obtain detailed information on toxicity, together with the proper shipping, handling and storage procedures, and comply with all applicable safety and environmental standards. Toxicity and risk characteristics of chemical compounds and other products may differ when used with other materials or in a manufacturing or other process. Those risk characteristics should be determined by the user and made known to handlers, processors, and end users.

End of SDS