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**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **KILZ® Klear**

Product Code: L2201

MSDS Manufacturer Number: L2201

Manufacturer Name: Masterchem Industries LLC

Address: 3135 Old Highway M  
Imperial, MO 63052-2834

General Phone Number: (636) 942-2510

General Fax Number: (636) 942-3663

Customer Service Phone Number: (800) 325-3552

CHEMTREC: For emergencies in the US, call CHEMTREC: 800-424-9300

Canutec: In Canada, call CANUTEC: (613) 996-6666 (call collect)

MSDS Creation Date: September 07, 2010

MSDS Revision Date: October 10, 2012

**NFPA**

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**HMIS**

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Ingredient Percent
Ethylene glycol	107-21-1	1 - 5 by weight
Water	7732-18-5	30 - 60 by weight
Silica, amorphous - diatomaceous earth	61790-53-2	1 - 5 by weight
Styrene acrylic latex	25987-66-0	30 - 60 by weight

**SECTION 3 - HAZARDS IDENTIFICATION**

Emergency Overview: Irritant.

Potential Health Effects:

Eye: Can cause severe irritation, redness and swelling.

Skin: May cause irritation.

	May be absorbed through the skin in harmful amounts.
<b>Inhalation:</b>	Prolonged or excessive inhalation may cause respiratory tract irritation. Overexposure can cause headaches, dizziness, nausea, and vomiting. Repeated or prolonged inhalation may cause toxic effects.
<b>Ingestion:</b>	Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation. May cause central nervous system depression.
<b>Signs/Symptoms:</b>	Overexposure can cause headaches, dizziness, nausea, and vomiting.
<b>Target Organs:</b>	Eyes. Skin. Respiratory system. Digestive system. Central nervous system. Kidney.
<b>Aggravation of Pre-Existing Conditions:</b>	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions. May aggravate pre-existing liver, kidney and blood disorders.

## SECTION 4 - FIRST AID MEASURES

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.
<b>Skin Contact:</b>	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
<b>Other First Aid:</b>	Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration.

## SECTION 5 - FIRE FIGHTING MEASURES

<b>Flash Point:</b>	>100 C
<b>Lower Flammable/Explosive Limit:</b>	Not applicable.
<b>Upper Flammable/Explosive Limit:</b>	Not applicable.
<b>Extinguishing Media:</b>	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
<b>Protective Equipment:</b>	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

### **NFPA Ratings:**

<b>NFPA Health:</b>	1
<b>NFPA Flammability:</b>	1

NFPA Reactivity: 0

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personnel Precautions:** Use proper personal protective equipment as listed in section 8.

**Environmental Precautions:** Avoid runoff into storm sewers, ditches, and waterways.

**Spill Cleanup Measures:** Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

## SECTION 7 - HANDLING and STORAGE

**Handling:** Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.

**Storage:** Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.  
Do not store in temperatures above 120 °F or below 32 °F.

**Hygiene Practices:** Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

**Engineering Controls:** Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

**Eye/Face Protection:** Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

**Skin Protection Description:** Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

**Respiratory Protection:** A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**Other Protective:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Ethylene glycol :**

Guideline ACGIH: TLV-STEL: C 100 mg/m3 (Aerosol only)

**Silica, amorphous - diatomaceous earth :**

Guideline ACGIH: TLV-TWA: 3 mg/m3 (Respirable)

Guideline OSHA: OSHA-TWA: 20 mppcf

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## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

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Physical State Appearance:	Liquid.
Color:	Clear
Boiling Point:	100 C
Melting Point:	No information.
Density:	8 - 10 Lbs./gal.
Solubility:	No information.
Vapor Density:	Greater than 1 (Air = 1).
Vapor Pressure:	No information.
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	>100 C
VOC Content:	Material VOC: 17 gm/l (Includes Water) Coating VOC.: 90 gm/l (Excludes Water)  The addition of colorant may add VOCs.

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## SECTION 10 - STABILITY and REACTIVITY

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Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Heat, flames, incompatible materials, and freezing or temperatures below 32 deg. F.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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**Ethylene glycol:**

RTECS Number: KW2975000

Eye: Eye - Rabbit TDLo: 10 pph [Sense Organs and Special Senses (Eye) - Conjunctive irritation]  
Eye - Rat Standard Draize test.: 0.012 %/3D  
Eye - Rabbit Standard Draize test.: 500 mg/24H  
Eye - Rabbit Standard Draize test.: 100 mg/1H  
Eye - Rabbit Standard Draize test.: 0.012 ppm/3D  
Eye - Rabbit Standard Draize test.: 1440 mg/6H (RTECS)

Skin: Administration onto the skin - Rabbit LD50: 9530 uL/kg [Details of toxic effects not reported other than lethal dose value]  
Administration onto the skin - Rabbit Open irritation test: 555 mg (RTECS)

Ingestion: Oral - Rat LD50: 4700 mg/kg [Details of toxic effects not reported other than lethal dose value]  
Oral - Guinea pig LD50: 6600 mg/kg [Details of toxic effects not reported other than lethal dose value]  
Oral - LD50: 2000 mg/kg [Details of toxic effects not reported other than lethal dose value]  
Oral - Mouse LD50: 5500 mg/kg [Details of toxic effects not reported other than lethal dose value]  
Oral - LD50: 5500 mg/kg [Kidney/Ureter/Bladder - Other changes]  
Oral - LD50: 1650 mg/kg [Kidney/Ureter/Bladder - Other changes]  
Oral - Guinea pig LD50: 6610 mg/kg [Behavioral - Somnolence (general depressed activity) Gastrointestinal - Other changes Kidney/Ureter/Bladder - Other changes] (RTECS)

**Silica, amorphous - diatomaceous earth :**

RTECS Number: VV7311000

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## SECTION 12 - ECOLOGICAL INFORMATION

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Ecotoxicity: No ecotoxicity data was found for the product.

Environmental Fate: No environmental information found for this product.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

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## SECTION 14 - TRANSPORT INFORMATION

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DOT UN Number: No Data

DOT Hazard Class: No Data

## SECTION 15 - REGULATORY INFORMATION

California PROP 65: WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

### Ethylene glycol:

TSCA Inventory Status: Listed

State Regulations: Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.

Canada DSL: Listed

### Silica, amorphous - diatomaceous earth:

TSCA Inventory Status: Listed

State Regulations: Listed in the New Jersey State Right to Know List.

Canada DSL: Not listed

Canada NDSL: Listed

## SECTION 16 - ADDITIONAL INFORMATION

HMIS Health Hazard: 1

HMIS Fire Hazard: 1

HMIS Reactivity: 0

HMIS Other: x

MSDS Creation Date: September 07, 2010

MSDS Revision Date: October 10, 2012

MSDS Author: Actio Corporation

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