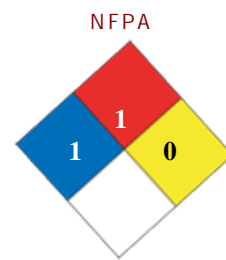




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## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: KILZ® Clean Start Int/Ext Primer Sealer  
 Product Code: L2110  
 MSDS Manufacturer Number: L2110  
 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: June 26, 2006  
 MSDS Revision Date: July 03, 2009  
 MSDS Format: According to ANSI Z400.1-2004



HMIS

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	x

\* **Chronic Health Effects**

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
Titanium dioxide	13463-67-7	5 - 10 by weight
Nepheline Syenite	37244-96-5	1 - 5 by weight
Silicate, mica	12001-26-2	5 - 10 by weight
Rutile	1317-80-2	1 - 5 by weight
Non hazardous ingredient(s)	Not applicable	30 - 60 by weight
Styrene resin	No data	30 - 60 by weight
Limestone	Not applicable	5 - 10 by weight

## SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: Irritant.  
 Potential Health Effects:  
 Eye: May cause irritation.  
 Skin: May cause irritation.  
 Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion:	May be harmful if swallowed. May cause vomiting.
Chronic Health Effects:	Prolonged or repeated contact may cause skin irritation.
Signs/Symptoms:	Overexposure may cause headaches and dizziness.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system.
Aggravation of Pre-Existing Conditions:	None generally recognized.

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## SECTION 4 - FIRST AID MEASURES

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Eye Contact:	Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact:	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Other First Aid:	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.

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## SECTION 5 - FIRE FIGHTING MEASURES

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Flash Point:	No Data
Lower Flammable/Explosive Limit:	Not applicable.
Upper Flammable/Explosive Limit:	Not applicable.
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
<b><u>NFPA Ratings:</u></b>	
NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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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.

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## SECTION 7 - HANDLING and STORAGE

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

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**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.

Titanium dioxide :Guideline ACGIH: TLV-TWA: 10 mg/m<sup>3</sup>Guideline OSHA: OSHA-TWA: 15 mg/m<sup>3</sup>Silicate, mica :Guideline ACGIH: TLV-TWA: 3 mg/m<sup>3</sup> (Respirable)Guideline OSHA: OSHA-TWA: 20 mg/m<sup>3</sup>**SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES**

Physical State Appearance:	Liquid.
Color:	White
Boiling Point:	No Data
Melting Point:	No Data
Density:	10 - 12 Lbs./gal.
Vapor Density:	Greater than 1 (Air = 1).
pH:	8.5 to 9.5
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	No Data
VOC Content:	Material VOC: 2 gm/l (Includes Water) Coating VOC.: 4 gm/l (Excludes Water)

**SECTION 10 - STABILITY and REACTIVITY**

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.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Titanium dioxide :

RTECS Number: XR2275000  
 Skin: Skin - Rabbit; Standard Draize Test. : 300 ug/3D; (Intermittent) mild. (RTECS)  
 Ingestion: Ingestion - Rat TDLo: 60 gm/kg; Gastrointestinal - hypermotility, diarrhea  
 Gastrointestinal - other changes. (RTECS)

Silicate, mica :

RTECS Number: VV8760000

Rutile :

RTECS Number: VM2940000

**SECTION 12 - ECOLOGICAL INFORMATION**

Ecotoxicity: No ecotoxicity data was found for the product.  
 Environmental Fate: No environmental information found for this product.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

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.

**SECTION 14 - TRANSPORT INFORMATION**

DOT UN Number: No Data  
 DOT Hazard Class: No Data

**SECTION 15 - REGULATORY INFORMATION**Titanium dioxide :

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

Nepheline Syenite :

TSCA Inventory Status: Not listed  
 Canada DSL: Listed

Silicate, mica :

TSCA Inventory Status: Not listed  
 State Regulations: Listed in the New Jersey State Right to Know List.  
 Listed in the Pennsylvania State Hazardous Substances List.  
 Canada DSL: Listed

Rutile :

TSCA Inventory Status: Listed  
 State Regulations: Listed in the Pennsylvania State Hazardous Substances List.  
 Canada DSL: Listed

**SECTION 16 - ADDITIONAL INFORMATION**

HMS Health Hazard: 1  
HMS Fire Hazard: 1  
HMS Reactivity: 0  
HMS Personal Protection: x  
HMS Other: x  
MSDS Creation Date: June 26, 2006  
MSDS Revision Date: July 03, 2009  
MSDS Revision Notes: Quarterly formula update  
MSDS Author: Actio Corporation

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