



PRINT



GLOSSARY

Masterchem Industries LLC

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: KILZ® Complete Aerosol Interior/Exterior Primer
Product Code: L101348
MSDS Manufacturer Number: L101348
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: 09/05/2008
MSDS Revision Date: 09/05/2008

NFPA



HMIS

Health Hazard	2
Fire Hazard	4
REACTIVITY	1
Personal Protection	1

* Chronic Health Effects:

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
Limestone	Not applicable	1 - 5 by weight
n-butane	106-97-3	5 - 10 by weight
Nepheline Syenite	37244-96-5	1 - 5 by weight
Nonanes	No data	1 - 5 by weight
Octanes, all isomers	No data	1 - 5 by weight
Propane	74-98-6	10 - 30 by weight
Rutile	1317-80-2	1 - 5 by weight
Silicate, mica	12001-26-2	5 - 10 by weight
Titanium dioxide	13463-67-7	5 - 10 by weight
Undisclosed/Proprietary	No data	10 - 30 by weight
VM&P Naphtha/Aliphatic Hydrocarbon	8032-32-4	5 - 10 by weight
Xylene	1330-20-7	0.1 - 1 by weight
1-nitropropane	108-03-2	1 - 5 by weight
Acetone	67-64-1	10 - 30 by weight
Amorphous silica	7631-86-9	0.1 - 1 by weight
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	5 - 10 by weight

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview:	Extremely flammable aerosol. Irritant. Contents under pressure.
Potential Health Effects:	
Eye:	May cause irritation.
Skin:	May cause irritation.
Inhalation:	Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion:	Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation.
Chronic Health Effects:	Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash). Repeated or prolonged inhalation may cause toxic effects.
Signs/Symptoms:	Overexposure can cause headaches, dizziness, nausea, and vomiting.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system. Central nervous system. Kidney.
Aggravation of Pre-Existing Conditions:	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

SECTION 4 - FIRST AID MEASURES

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.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Properties:	Extremely flammable aerosol. Contents are under pressure. Will release flammable vapors at well below ambient temperatures and readily form flammable mixtures with air. It will burn in the open and may be explosive in confined spaces.
Flash Point:	-134°F (-92°C)
Lower Flammable/Explosive Limit:	0.8%
Upper Flammable/Explosive Limit:	12.8%
Fire Fighting Instructions:	Flammable. Cool fire-exposed containers using water spray.
Extinguishing Media:	Use alcohol 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.
Unusual Fire Hazards:	Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back.

NFPA Ratings:

NFPA Flammability:	4
NFPA Health:	2
NFPA Reactivity:	1
NFPA Other:	

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:	Remove all sources of ignition. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Collect spill with a non-sparking tool. Place into a suitable container for disposal.

SECTION 7 - HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.
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.
Work Practices:	To reduce potential for static discharge, bond and ground containers when transferring material.
Special Handling Procedures:	Handle with care. Contents are under pressure. Excessive pressure and temperature will cause over pressurization and result in container bursting or exploding.
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.

EXPOSURE GUIDELINES**Propane :**

Guideline ACGIH: TLV-TWA: 1000 ppm
 Guideline OSHA: OSHA-TWA: 1000 ppm

Silicate, mica :

Guideline ACGIH: TLV-TWA: 3 mg/m3 (Respirable)
 Guideline OSHA: OSHA-TWA: 20 mg/m3

Titanium dioxide :

Guideline ACGIH: TLV-TWA: 10 mg/m3
 Guideline OSHA: OSHA-TWA: 15 mg/m3

VM&P Naphtha/Aliphatic Hydrocarbon :

Guideline ACGIH: TLV-TWA: 300 ppm

Xylene :

Guideline ACGIH: TLV-TWA: 100 ppm
 TLV-STEL: 150 ppm
 Guideline OSHA: OSHA-TWA: 100 ppm

1-nitropropane :

Guideline ACGIH: TLV-TWA: 25 ppm
 Guideline OSHA: OSHA-TWA: ppm

Acetone :

Guideline ACGIH: TLV-TWA: 500 ppm
 TLV-STEL: 750 ppm
 Guideline OSHA: OSHA-TWA: 1000 ppm

Distillates (petroleum), hydrotreated light; Kerosine - unspecified :

Guideline ACGIH: TLV-TWA: 200 mg/m3 (Negligible aerosol exposures)

isobutane :

Guideline ACGIH: TLV-TWA: 1000 ppm

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Liquid.
 Boiling Point: No Data
 Melting Point: No Data
 Density: No Data
 Vapor Density: Greater than 1 (Air = 1).
 pH: No Data
 Molecular Formula: Mixture
 Molecular Weight: Mixture
 Flash Point: -134°F (-92°C)
 VOC Content: No Data

SECTION 10 - STABILITY and REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.
 Hazardous Polymerization: Not reported.
 Conditions to Avoid: Heat, flames, ignition sources, and sparks. Incompatible materials.
 Freezing or temperatures below 32 deg. F. Temperatures above 120 °F.
 Incompatible Materials: Oxidizing agents. Strong acids and alkalis.

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS Number: TX2275000

RTECS Number: VM2940000

RTECS Number: VV8760000

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)

VM&P Naphtha/Aliphatic Hydrocarbon :

RTECS Number: OI6180000

Eye: Eye's - Human: 880 ppm/15M; No effects reported. (RTECS)

Xylene :

RTECS Number: ZE2100000

Eye: Eye - Rabbit; Standard Draize Test. : 87 mg; mild.
Eye - Rabbit; Standard Draize Test. : 5 mg/24H; severe. (RTECS)

Skin: Skin - Rabbit; Standard Draize Test. : 100%; Moderate.
Skin - Rabbit; Standard Draize Test. : 500 mg/24H; Moderate. (RTECS)

Inhalation: Inhalation. - Rat LC50: 5000 ppm/4H; Details of toxic effects not reported
other than lethal dose value. (RTECS)

Ingestion: Ingestion - Rat LD50: 4300 mg/kg; Liver - other changes Kidney, Ureter,
Bladder - other changes
Ingestion - Mouse LD50: 2119 mg/kg; Details of toxic effects not reported
other than lethal dose value. (RTECS)

Acetone :

RTECS Number: AL3150000

Eye: Eye - Rabbit; Standard Draize Test. : 10 uL - mild (RTECS)

Skin: Skin - Guinea pig; LD50: >9400 uL/kg - Details of toxic effects not
reported other than lethal dose value.. (RTECS)

Inhalation: Inhalation. - Rat LC50: 50100 mg/m³/8H - [Details of toxic effects not
reported other than lethal dose value.
Inhalation. - Mouse LC50: 44 gm/m³/4H - Details of toxic effects not
reported other than lethal dose value.. (RTECS)

Ingestion: Ingestion - Rat LD50: 5800 mg/kg - Behavioral - altered sleep time
(including change in righting reflex) Behavioral - tremor
Ingestion - Mouse LD50: 3 gm/kg - [Details of toxic effects not reported
other than lethal dose value.. (RTECS)

Amorphous silica :

RTECS Number: EU8655000

Eye: Eye - Rabbit; Standard Draize Test. : 25 mg/24H; mild. (RTECS)

Inhalation: Inhalation. - Rat LCLo: 2190 mg/m³/4H; Lungs, Thorax, or Respiration -
dyspnea (RTECS)

Ingestion: Ingestion - Rat LDLo: 5 gm/kg; Nutritional and Gross Metabolic - other
changes (RTECS)

RTECS Number: OA5504000

isobutane :

Inhalation: Inhalation. - Rat LC50: 570,000 ppm/15M - [Behavioral - tremor
Behavioral - convulsions or effect on seizure threshold Lungs, Thorax, or
Respiration - respiratory depression] (RTECS)

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.
Important Disposal Information:	DANGER! Rags, steel wool and waste soaked with this product may spontaneously catch fire if improperly discarded or stored. To avoid a spontaneous combustion fire, immediately after use, place rags, steel wool or waste in a sealed, water-filled, metal container. Do not store unused product inside the home. For disposal guidance, contact your household refuse collection service, fire department, county or state government environmental control agency.

SECTION 14 - TRANSPORT INFORMATION

DOT Shipping Name:	Aerosol flammable
DOT UN Number:	UN1950
DOT Hazard Class:	2.1

SECTION 15 - REGULATORY INFORMATION

Nepheline Syenite :

TSCA Inventory Status:	Not listed
Canada DSL:	Listed

Propane :

TSCA Inventory Status:	Listed
State Regulations:	Listed in the Pennsylvania State Hazardous Substances List. Listed in the New Jersey State Right to Know List.
Canada DSL:	Listed

Rutile :

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

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

VM&P Naphtha/Aliphatic Hydrocarbon :

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

Xylene :

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

1-nitropropane :

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

Acetone :

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

Amorphous silica :

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

Distillates (petroleum), hydrotreated light; Kerosine - unspecified :

TSCA Inventory Status: Listed
 Canada DSL: Listed

isobutane :

TSCA Inventory Status: Listed
 State Regulations: Listed in the Pennsylvania State Hazardous Substances List.
 Listed in the New Jersey State Right to Know List.
 Canada DSL: Listed

SECTION 16 - ADDITIONAL INFORMATION

HMIS Fire Hazard: 4
 HMIS Health Hazard: 2
 HMIS Reactivity: 1
 HMIS Personal Protection: 1
 MSDS Creation Date: 09/05/2008
 MSDS Revision Date: 09/05/2008
 MSDS Revision Notes: Quarterly and format update
 MSDS Author: Actio Corporation
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