PRINT GLOSSARY

Masterchem Industries LLC

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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name:	**KILZ® Odorless Aerosol**
MSDS Manufacturer Number:	1044
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:	06/26/2006
MSDS Revision Date:	05/09/2007

NFPA

3
1 0
NA

HMIS

Health Hazard	1
Fire Hazard	3
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
Vinyl acrylate terpolymer	118922-88-6	5 - 10 by weight
Nonanes	No data	5 - 10 by weight
Nonane, all isomers	Mixture	5-10 by weight
Non-hazardous ingredients		30-60 by weight
Non-hazardous ingredients	N/A	10 - 30 by weight
Carbonic acid calcium salt	471-34-1	10 - 30 by weight
Octanes, all isomers	Mixture	1-5 by weight
Octanes, all isomers	No data	1 - 5 by weight
1-Nitropropane	108-03-2	1-5 by weight
Naphtha (petroleum), light alkylate	64741-66-8	10-30 by weight
Naphtha, petroleum, heavy alkylate	64741-66-8	10 - 30 by weight
Isobutane	75-28-5	10-30 by weight
Propane	74-98-6	10-30 by weight
Trimethyl-1, 3-pentanediol, diisobutyrate	6846-50-0	1 - 5 by weight
Resin	Proprietary	1 - 5 by weight

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview:	Flammable. Irritant.
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:	Flammable liquid.
Flash Point:	<32°F (<0°C)
Flash Point Method:	
Lower Flammable/Explosive Limit:	1%
Upper Flammable/Explosive Limit:	7%
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 pressure-demand, 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:	3
NFPA Health:	1
NFPA Reactivity:	0
NFPA Other:	NA

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.
Work Practices:	To reduce potential for static discharge, bond and ground containers when transferring material.
Special Handling Procedures:	Do not reuse containers without proper cleaning or reconditioning.
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

Titanium dioxide :	
Guideline ACGIH:	TLV-TWA: 10 mg/m3
Guideline OSHA:	OSHA-TWA: 15 mg/m3
Carbonic acid calcium salt :	
Guideline ACGIH:	TLV-TWA: 5 mg/m3 (Respirable)
Guideline OSHA:	OSHA-TWA: 5 mg/m3 Respirable
1-Nitropropane :	
Guideline ACGIH:	TLV-TWA: 25 ppm
Guideline OSHA:	OSHA-TWA: ppm
Isobutane :	
Guideline ACGIH:	TLV-TWA: 1000 ppm
Propane :	
Guideline ACGIH:	TLV-TWA: 1000 ppm
Guideline OSHA:	OSHA-TWA: 1000 ppm

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Liquid
Boiling Point:	No Data
Melting Point:	No Data
Density:	10 - 12 Lbs./gal.
Vapor Density:	Greater than 1 (Air = 1)
pH:	No Data
Molecular Formula:	Mixture
Molecular Weight:	Mixture

Flash Point:	<32°F (<0°C)
Flash Point Method:	

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.
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)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans
RTECS Number:	FF9335000
RTECS Number:	QK7970000

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)
RTECS Number:	SA1420000

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 Hazard Class:	2.1
DOT Packing Group:	III

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

Vinyl acrylate terpolymer :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Non-hazardous ingredients :

TSCA Inventory Status:	Contains calcium carbonate (CAS:1317-65-3), which is listed in the TSCA inventory.

Carbonic acid calcium salt :

Canada DSL:	Listed

1-Nitropropane :

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

Naphtha (petroleum), light alkylate :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Naphtha, petroleum, heavy alkylate :

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

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

Trimethyl-1, 3-pentanediol, diisobutyrate :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

SECTION 16 - ADDITIONAL INFORMATION

HMIS Fire Hazard:	3
HMIS Health Hazard:	1
HMIS Reactivity:	0
HMIS Personal Protection:	x
MSDS Creation Date:	06/26/2006
MSDS Revision Date:	05/09/2007
MSDS Revision Notes:	Quarterly and format update
MSDS Author:	Actio Corporation
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