Masterchem Industries LLC

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name:	KILZ® Original Aerosol
Product Number:	1024
Manufacturer Name:	Masterchem Industries LLC
Address:	3135 Old Highway M Imperial MO 63052-2834

U.S. Contact Info.:

Business Phone:	(636) 942-2510
Technical Service Phone:	(800) 325-3552
Business Fax:	(636) 942-3663

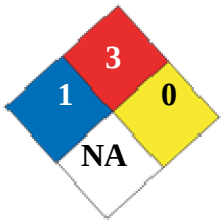
Canadian Contact Info.:

Business Phone:	(800) 661-1591
Technical Service Phone:	(800) 661-1591
Business Fax:	(403) 273-1128

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

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

NFPA



HMIS

HEALTH	1
FIRE	3
REACTIVITY	0
PPE	

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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Product No. 1024

Chemical Name	CAS#	Lower Percent	Upper Percent
Acetone	67-64-1	10	30
Titanium dioxide	13463-67-7	10	30
Propane	74-98-6	10	30
Isobutane	75-28-5	10	30
VM&P Naphtha/Aliphatic Hydrocarbon	8032-32-4	10	30
Silicate, mica	12001-26-2	10	30
Octanes, all isomers	Mixture	5	10
Rutile	1317-80-2	5	10
1-Nitropropane	108-03-2	1	5
Talc, Magnesium silicate hydrate	14807-96-6	1	5
Xylene	1330-20-7	0.1	1
Palygorskite	12174-11-7	0.1	1

Non-hazardous ingredients		10	30
Nonane, all isomers	Mixture	10	30

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SECTION 3: HAZARDS IDENTIFICATION

Product No. 1024

Emergency Overview:	Flammable. Irritant.

Applies to all Ingredients

Potential Health Effects:

Eye Contact:	May cause irritation.
Skin Contact:	May cause irritation.
Skin Absorption:	May be absorbed through the skin in harmful amounts.
Inhalation:	Prolonged or excessive inhalation may cause respiratory tract irritation.
Ingestion:	Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation.
Chronic Skin Contact:	Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash).
Chronic Inhalation:	Repeated or prolonged inhalation may cause toxic effects.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system. Central nervous system. Kidney.
Signs/Symptoms:	Overexposure can cause headaches, dizziness, nausea, and vomiting.
Aggravation of Pre-Existing Conditions:	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

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SECTION 4: FIRST AID MEASURES

Product No. 1024

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

Product No. 1024

Fire:	Flammable liquid.
Flash Point:	<32°F (<0°C)
Flash Point Method:	
Upper Flammable or Explosive Limit:	7%
Lower Flammable or Explosive Limit:	1%
Extinguishing Media:	Use alcohol foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Fire Fighting Instructions:	Flammable. Cool fire-exposed containers using water spray.
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.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Product No. 1024

Personal Precautions:	Use proper personal protective equipment as listed in section 8.
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.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.

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SECTION 7: HANDLING AND STORAGE

Product No. 1024

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.
Hygiene Practices:	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.
Special Handling Procedures:	Do not reuse containers without proper cleaning or reconditioning.
Important Storage and Disposal:	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.

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SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Product No. 1024

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.
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.
Hand Protection Description:	Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
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.
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.

Ingredient Guidelines	Guideline Type	Guideline Information
Acetone		
	ACGIH TLV-STEL	750 ppm
	OSHA PEL-TWA	1000 ppm
	ACGIH TLV-TWA	500 ppm
Isobutane		
	ACGIH TLV-TWA	1000 ppm
Propane		
	OSHA PEL-TWA	1000 ppm
	ACGIH TLV-TWA	1000 ppm
Silicate, mica		
	ACGIH TLV-TWA	3 mg/m3 (Respirable)
	OSHA PEL-TWA	20 mg/m3
Talc, Magnesium silicate hydrate		
	OSHA PEL-TWA	20 mg/m3
	ACGIH TLV-TWA	2 mg/m3 (Respirable)
Titanium dioxide		
	ACGIH TLV-TWA	10 mg/m3
	OSHA PEL-TWA	15 mg/m3
VM&P Naphtha/Aliphatic Hydrocarbon		
	ACGIH TLV-TWA	300 ppm
Xylene		
	OSHA PEL-TWA	100 ppm
	ACGIH TLV-TWA	100 ppm
	ACGIH TLV-STEL	150 ppm

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Product No. 1024

Physical State/Appearance:	Liquid
pH:	No Data
Vapor Density:	Greater than 1 (Air = 1)
Density:	10 - 12 Lbs./gal.
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	<32°F (<0°C)
VOC:	Material VOC: 410gm/l (Includes Water)" "Coating VOC: 410 gm/l (Excludes Water)

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SECTION 10: STABILITY AND REACTIVITY

Product No. 1024

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Heat, flames, ignition sources, and sparks. Incompatible materials. Freezing or

	temperatures below 32 deg. F.
Incompatibilities with Other Materials:	Oxidizing agents. Strong acids and alkalis.
Hazardous Polymerization:	Not reported.
Hazardous Decomposition Products:	Incomplete combustion may produce carbon monoxide and other toxic gases.
Note	Refer to Section 7

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SECTION 11: TOXICOLOGICAL INFORMATION

Product No. 1024

VM&P Naphtha/Aliphatic Hydrocarbon	
Eye Effect:	Eye's - Human: 880 ppm/15M; No effects reported. (RTECS)
Palygorskite	
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans
Talc, Magnesium silicate hydrate	
Carcinogenicity:	IARC: Group 3: Unclassifiable as to carcinogenicity to humans
Titanium dioxide	
Skin Effects:	Skin - Rabbit; Standard Draize : 300 ug/3D; (Intermittent) Mild. (RTECS)
Ingestion Effects:	Ingestion - Rat TDLo: 60 gm/kg; Gastrointestinal - hypermotility, diarrhea Gastrointestinal - other changes. (RTECS)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans
Xylene	
Eye Effect:	Eye - Rabbit; Standard Draize : 87 mg; Mild. Eye - Rabbit; Standard Draize : 5 mg/24H; Severe. (RTECS)
Skin Effects:	Skin - Rabbit; Standard Draize : 100%; Moderate. Skin - Rabbit; Standard Draize : 500 mg/24H; Moderate. (RTECS)
Ingestion Effects:	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)
Inhalation Effects:	Inhalation - Rat LC50: 5000 ppm/4H; Details of toxic effects not reported other than lethal dose value (RTECS)
Carcinogenicity:	IARC: Group 3: Unclassifiable as to carcinogenicity to humans
Acetone	
Eye Effect:	Eye - Rabbit; Standard Draize test : 10 uL - [Mild] (RTECS)
Skin Effects:	Skin - Guinea pig; LD50: >9400 uL/kg - Details of toxic effects not reported other than lethal dose value. (RTECS)
Ingestion Effects:	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)
Inhalation Effects:	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)
Isobutane	
Inhalation Effects:	Inhalation - Rat LC50: 570,000 ppm/15M - [Behavioral - tremor Behavioral - convulsions or effect on seizure threshold Lungs, Thorax, or Respiration - respiratory depression] (RTECS)
Notes	Not all of the toxicological studies for the ingredients contained in this product are displayed. For additional information, please consult the references listed in Section 16 of this MSDS.

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SECTION 12: ECOLOGICAL INFORMATION

Product No. 1024

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

Product No. 1024

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.

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SECTION 14: TRANSPORT INFORMATION

Product No. 1024

DOT Shipping Name:	Aerosol flammable
DOT Hazard Class:	2.1
DOT Identification Number:	UN1950
DOT Packing Group:	III

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SECTION 15: REGULATORY INFORMATION

Product No. 1024

Non-hazardous ingredients

TSCA 8(b): Inventory Status:	Contains calcium carbonate (CAS:1317-65-3), which is listed in the TSCA inventory.

Rutile

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the Pennsylvania Hazardous Subsatnces list.
Canada DSL:	Listed

Silicate, mica

TSCA 8(b): Inventory Status:	Not listed
State:	Listed in the New Jersey State Right to Know list. Listed in the Pennsylvania Hazardous Subsatnces list.
Canada DSL:	Listed

VM&P Naphtha/Aliphatic Hydrocarbon

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the New Jersey State Right to Know list. Listed in the Pennsylvania Hazardous Subsatnces list.
Canada DSL:	Listed

Palygorskite

TSCA 8(b): Inventory Status:	Not listed
Canada DSL:	Not listed

Talc, Magnesium silicate hydrate

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the New Jersey State Right to Know list. Listed in the Pennsylvania Hazardous Subsatnces list.
Canada DSL:	Listed

Titanium dioxide

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the New Jersey State Right to Know list. Listed in the Pennsylvania Hazardous Subsatnces list.
Canada DSL:	Listed

Xylene

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the New Jersey State Right to Know list. Listed in the Pennsylvania Hazardous Subsatnces list.
Canada DSL:	Listed

Acetone

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the Pennsylvania Hazardous Substances list.
Canada DSL:	Listed

Propane

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the Pennysalvania Hazardous Subsatnces list. Listed in the New Jersey State Right to Know list.
Canada DSL:	Listed

Isobutane

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the Pennysalvania Hazardous Subsatnces list. Listed in the New Jersey State Right to Know list.
Canada DSL:	Listed

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SECTION 16: ADDITIONAL INFORMATION

Product No. 1024

MSDS Revision Date:	"06/26/2006"
MSDS Author:	Actio Corporation

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific materials designated. Refer to individual product safety Data sheets when using more than one product in combination with another.

References:

1. OSHA Hazard Communication Standard, 1910.1200 and Z Tables.
2. NIOSH Registry of Toxic Effects of Chemical Substances (RTECS) and Pocket Guide to Chemical Hazards.
3. Sax Dangerous Properties of Industrial Materials. Tenth Edition.
4.Hawleys Condensed Chemical Dictionary, Thirteenth Edition
5. IARC monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man, WHO International Research on Cancer, 2004.
6. Industrial Hygiene and Toxicology, by F.A. Patty.
7. National Library of Medicine, Department of Health and Human Services, Hazardous Substances Data Bank (HSDB).
8. National Toxicology Program (NTP) Tenth Report on Carcinogens, 2002.
9. Brethericks Reactive Chemical Hazards Database. Version 2.
10. Gassarett and Doulls Toxicology, The Basic Science of Poisons.
11. The Merck Index: An Encyclopedia of Chemicals and Drugs. Merck and Company. Twelfth Edition 1998.
12. Threshold Limit Values for Chemical Substances and Physical Agents in the Work Environmental and Biological Exposure Indices. TLV Booklet, 2003.

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