



PRINT



GLOSSARY



# Masterchem Industries LLC

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **KILZ® Casual Colors® Spray Paint Satin Clear Coat**  
 MSDS Manufacturer Number: M482047  
 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: 1/2006  
 MSDS Revision Date: 5/9/2007

### NFPA



### HMS

Health Hazard	2
Fire Hazard	4
REACTIVITY	1
Personal Protection	X

\* Chronic Health Effects:

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
Xylene (Mixed Isomers)	1330-20-7	5-10 by weight
Ethyl Benzene	100-41-4	1-5 by weight
Toluene	108-88-3	1-1 by weight
Naphthalene	91-20-3	1-1 by weight
Propane	74-98-6	- by weight
Butyl Benzyl Phthalate	85-68-7	- by weight
Acetone	67-64-1	- by weight
Butane	106-97-8	- by weight
Magnesium Silicate	14807-96-6	- by weight
Heavy Aromatic Naphtha	64742-94-5	- 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.

<b>Inhalation:</b>	Prolonged or excessive inhalation may cause respiratory tract irritation.
<b>Ingestion:</b>	Harmful if swallowed. Ingestion can cause nausea, vomiting, diarrhea and gastrointestinal irritation.
<b>Chronic Health Effects:</b>	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.
<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.

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## SECTION 4 - FIRST AID MEASURES

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<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.

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## SECTION 5 - FIRE FIGHTING MEASURES

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<b>Flammable Properties:</b>	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.
<b>Flash Point:</b>	< 32°F (0°C)
<b>Flash Point Method:</b>	TOC
<b>Fire Fighting Instructions:</b>	Flammable. Cool fire-exposed containers using water spray.
<b>Extinguishing Media:</b>	Use alcohol 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.
<b>Unusual Fire Hazards:</b>	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:	NA

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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<b>Personnel Precautions:</b>	Use proper personal protective equipment as listed in section 8.
<b>Environmental Precautions:</b>	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

#### Xylene (Mixed Isomers) :

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

Guideline OSHA: OSHA-TWA: 100 ppm

#### Ethyl Benzene :

Guideline ACGIH: TLV-TWA: 100 ppm  
TLV-STEL: 125 ppm

Guideline OSHA: OSHA-TWA: 100 ppm

#### Toluene :

Guideline ACGIH: TLV-TWA: 50 ppm  
TLV-STEL: 50 ppm

Guideline OSHA:	OSHA-TWA: 200 ppm OSHA-STEL: 500 ppm Ceiling/Peak
<b><u>Naphthalene :</u></b>	
Guideline ACGIH:	TLV-TWA: 10 ppm TLV-STEL: 15 ppm
Guideline OSHA:	OSHA-TWA: 10 ppm OSHA-STEL: 10 ppm
<b><u>Propane :</u></b>	
Guideline ACGIH:	TLV-TWA: 1000 ppm
Guideline OSHA:	OSHA-TWA: 1000 ppm
<b><u>Acetone :</u></b>	
Guideline ACGIH:	TLV-TWA: 500 ppm TLV-STEL: 750 ppm
Guideline OSHA:	OSHA-TWA: 1000 ppm
<b><u>Butane :</u></b>	
Guideline ACGIH:	TLV-TWA: 1000 ppm
<b><u>Magnesium Silicate :</u></b>	
Guideline ACGIH:	TLV-TWA: 2 mg/m3 (Respirable)
Guideline OSHA:	OSHA-TWA: 20 mg/m3

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## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

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Physical State Appearance:	Liquid.
Color:	Clear
Boiling Point:	No Data
Melting Point:	No Data
Density:	6 - 8 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:	TOC

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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, 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.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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### **Xylene (Mixed Isomers) :**

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)
Carcinogenicity:	IARC: Group 3: Unclassifiable as to carcinogenicity to humans.
<b><u>Ethyl Benzene :</u></b>	
Eye:	Eye - Rabbit; Standard Draize Test. : 500 mg; severe. (RTECS)
Skin:	Skin - Rabbit; Open Irritation: 15 mg/24H; mild . (RTECS)
Inhalation:	Inhalation. - Rat LC50: 55000 mg/m <sup>3</sup> /2H; Details of toxic effects not reported other than lethal dose value. . (RTECS)
Ingestion:	Ingestion - Rat LD50: 3500 mg/kg; Liver - other changes Kidney, Ureter, Bladder - other changes . (RTECS)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans.
<b><u>Toluene :</u></b>	
Eye:	Eye - Rabbit; Rinsed with water: 100 mg/30S (RTECS)
Skin:	Skin - Rabbit; Standard Draize Test. : 20 mg/24H - [Moderate](RTECS) Skin - Rodent rabbit LD50: 14100 uL/kg - [Details of toxic effects not reported other than lethal dose value. ](RTECS)
Inhalation:	Inhalation. - Rat LC50 - Lethal concentration, 50 percent kill: 49 gm/m <sup>3</sup> /4H - [Details of toxic effects not reported other than lethal dose value. ] (RTECS) Inhalation - Rodent mouse LC50 - Lethal concentration, 50 percent kill: 400 ppm/24H - [Details of toxic effects not reported other than lethal dose value. ] (RTECS)
Ingestion:	Ingestion - Rat LD50: 636 mg/kg - [Details of toxic effects not reported other than lethal dose value. ] (RTECS)
Carcinogenicity:	IARC: Group 3: Unclassifiable as to carcinogenicity to humans.
<b><u>Naphthalene :</u></b>	
Chronic Effects:	Ingestion - Rat TCLo: 1575 mg/kg/105W-I - [Tumorigenic - carcinogenic by RTECS criteria Sense Organs and Special Senses (Olfaction) - tumors] (RTECS)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans.
Other Toxicological Information:	Ingestion - Rat TCLo: 1575 mg/kg/105W-I - [Tumorigenic - carcinogenic by RTECS criteria Sense Organs and Special Senses (Olfaction) - tumors] (RTECS)
<b><u>Butyl Benzyl Phthalate :</u></b>	
Skin:	Skin - Rabbit; LD50: 6700 mg/kg; Details of toxic effects not reported other than lethal dose value. (RTECS)
Ingestion:	Ingestion - Rat LD50: 2330 mg/kg; Details of toxic effects not reported other than lethal dose value. Ingestion - Mouse LD50: 4170 mg/kg; Details of toxic effects not reported other than lethal dose value. (RTECS)
Chronic Effects:	Ingestion - Rat TDLo: 16400 mg/kg - [Reproductive - Maternal Effects - uterus, cervix, vagina Reproductive - Maternal Effects - other effects Reproductive - Effects on Embryo or Fetus - fetal death] (RTECS)
Carcinogenicity:	IARC: Group 3: Unclassifiable as to carcinogenicity to humans.
Other Toxicological Information:	Ingestion - Rat TDLo: 16400 mg/kg - [Reproductive - Maternal Effects - uterus, cervix, vagina Reproductive - Maternal Effects - other effects Reproductive - Effects on Embryo or Fetus - fetal death] (RTECS)
<b><u>Acetone :</u></b>	
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/m <sup>3</sup> /8H - [Details of toxic effects not reported other than lethal dose value. Inhalation. - Mouse LC50: 44 gm/m <sup>3</sup> /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)
<b><u>Butane :</u></b>	

Inhalation:	Ingestion - Rat LC50: 658000 mg/m <sup>3</sup> /4H - [Details of toxic effects not reported other than lethal dose value.] (RTECS)
<b><u>Magnesium Silicate :</u></b>	
Chronic Effects:	Ingestion - Rat TCLo: 18 mg/m <sup>3</sup> /6H/2Y-I - [Tumorigenic - carcinogenic by RTECS criteria Lungs, Thorax, or Respiration - bronchiogenic carcinoma Endocrine - tumors] (RTECS)
Carcinogenicity:	IARC: Group 3: Unclassifiable as to carcinogenicity to humans.
Other Toxicological Information:	Ingestion - Rat TCLo: 18 mg/m <sup>3</sup> /6H/2Y-I - [Tumorigenic - carcinogenic by RTECS criteria Lungs, Thorax, or Respiration - bronchiogenic carcinoma Endocrine - tumors] (RTECS)

**Heavy Aromatic Naphtha :**

Inhalation:	Ingestion - Rat LC50: >590 mg/m <sup>3</sup> /4H - [Details of toxic effects not reported other than lethal dose value.] (RTECS)
Ingestion:	Inhalation. - Rat LDLo: 5 mL/kg - [Sense Organs and Special Senses (Olfaction) - effect, not otherwise specified Sense Organs and Special Senses (Eye) - effect, not otherwise specified Skin and Appendages - hair] (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****Xylene (Mixed Isomers) :**

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

**Ethyl Benzene :**

TSCA Inventory Status:	Listed
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State Regulations:	Listed in the New Jersey State Right to Know List. Listed in the Pennsylvania State Hazardous Substances List.
Canada DSL:	Listed
<b><u>Toluene :</u></b>	
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
<b><u>Naphthalene :</u></b>	
State Regulations:	Listed in the New Jersey State Right to Know List. Listed in the Pennsylvania State Hazardous Substances List.
Canada DSL:	Listed
<b><u>Propane :</u></b>	
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
<b><u>Butyl Benzyl Phthalate :</u></b>	
TSCA Inventory Status:	Listed
State Regulations:	Listed in the New Jersey State Right to Know List. Listed in the Pennsylvania State Hazardous Substances List.
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.
Canada DSL:	Listed
<b><u>Acetone :</u></b>	
TSCA Inventory Status:	Listed
State Regulations:	Listed in the Pennsylvania State Hazardous Substances List.
Canada DSL:	Listed
<b><u>Butane :</u></b>	
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
<b><u>Magnesium Silicate :</u></b>	
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
<b><u>Heavy Aromatic Naphtha :</u></b>	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
	WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

## SECTION 16 - ADDITIONAL INFORMATION

HMIS Fire Hazard:	4
HMIS Health Hazard:	2
HMIS Reactivity:	1
HMIS Personal Protection:	x
MSDS Creation Date:	1/2006
MSDS Revision Date:	5/9/2007
MSDS Revision Notes:	Quarterly Formula Updates.
MSDS Author:	Actio Corporation

**Disclaimer:**

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