MATERIAL SAFETY DATA SHEET

Manufacturer's Name:

Masterchem®Industries, Inc.
3135 Old Highway M
Imperial, MO 63052
Company Code: MTER
Issue Date: October 8, 2004

Transportation Emergencies:
Call Chemtrec
1-800-424-9300
Emergency Telephone No.
1-800-325-3552

NPCA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM		
RATING	IDENTIFICATION	
4=EXTREME	HEALTH	2
3=HIGH	FLAMMABILITY	2
2=MODERATE	REACTIVITY	0
1=SLIGHT	CHRONIC HEALTH	SEE SECTION V
0=MINIMAL		

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **Kilz® Ultra™**
PRODUCT NUMBER: 51652-10041-9
PRODUCT CLASS: STYRENE - ACRYLATE RESIN PRIMER

SECTION II A-HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE	LISTED AS A CARCINOGEN
			TLV	PEL		
64742-88-7	10.03	Mineral Spirits (Aliphatic Hydrocarbon)	100 ppm	100 ppm	1.1 mm Hg @ 20°C	No
64742-48-9	17.80	Aliphatic Hydrocarbon	300 ppm	300 ppm	2.0 mm Hg @ 20°C	No

SECTION II B - OTHER INGREDIENTS

118922-88-6	5-15	Styrene - Acrylate Copolymer	-	-	-	No
1317-65-3	45-55	Calcium Carbonate	-	-	-	No
13463-67-7	5-15	Titanium Dioxide	-	-	-	No

SECTION III - PHYSICAL DATA

APPEARANCE: White, Medium Viscosity Liquid	ODOR: Slight Characteristic Hydrocarbon
BOILING RANGE: 310°-402°F	VAPOR DENSITY: ☒ HEAVIER ☐ LIGHTER THAN AIR
EVAPORATION RATE: ☐ FASTER ☒ SLOWER THAN ETHER	53.58% VOLATILE VOLUME: 12.15 POUNDS WT/GAL

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA II	FLASH POINT: 104°F PMCC	LEL: 1.0	DOT: ORM-D Consumer Commodity

EXTINGUISHING MEDIA:

DRY CHEMICAL ☒	ALCOHOL FOAM ☐	WATER FOG ☐	FOAM ☒	CO_2 ☒	OTHER ☐

UNUSUAL FIRE AND EXPLOSION HAZARDS: Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. During emergency conditions, overexposure to combustion products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Vapors may be ignited by static electricity or friction sparks.

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment, including self-contained breathing apparatus, should be used to protect firefighters from any hazardous combustion products.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Inhalation: Irritation of the respiratory tract or acute nervous system depression characterized by the following progressive steps; headache, dizziness, staggering gait, confusion, unconsciousness, or coma. Skin or eye contact: Primary irritant.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Reports have associated repeated and prolonged occupation overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents

may be harmful or fatal.

PRIMARY ROUTE(S) OF ENTRY:

DERMAL ☒	INHALATION ☒	INGESTION ☒

EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician. Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes. Take to physician for medical treatment. Splash (skin); Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. Ingestion: Drink 1 or 2 glasses of water to dilute. Do **not** induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE ☐ STABLE ☒

HAZARDOUS POLYMERIZATION: MAY OCCUR ☐ WILL NOT OCCUR ☒

HAZARDOUS DECOMPOSITION PRODUCTS: May produce fumes when heated to decomposition, as in welding or fire. Fumes may contain: carbon monoxide, carbon dioxide, hydrocarbons and other products of combustion.

CONDITIONS TO AVOID: High temperatures. Heat, sparks or open flame.

INCOMPATIBILITY: (MATERIALS TO AVOID) Peroxides or strong oxidizing agents.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Limit spread of spill or leak. Remove all sources of ignition. Soak up with inert absorbent material. Use non-sparking tools when removing wet absorbent. See Section VIII for required protective measures. Keep material out of sewers and/or drains.

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations. Dry primer and empty containers may be landfilled. Full or partially full containers should be treated as hazardous waste which requires disposal at an approved hazardous waste site or incinerator.

SECTION VIII-SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or Equivalent) or leave the area.

VENTILATION: Open doors and windows to provide ventilation of sufficient volume and pattern to keep air contaminant concentrations below occupational exposure limits as shown in Section II A.

PROTECTIVE GLOVES: Required, rubber or neoprene to prevent skin contact.

EYE PROTECTION: Use safety eyewear including splash guards or side shields.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing. Remove and wash contaminated clothing before re-use.

HYGIENIC PRACTICES: Wash hands before eating or using the washroom. Smoke in smoking areas only.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from extreme heat, fire, or open flame. Store in accordance with OSHA 1910.106. Store in well ventilated areas.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. Avoid breathing vapors. Avoid contact with skin and eyes. Store away from any source of ignition. Keep containers tightly closed and in an upright position to prevent leakage. Do not remove or deface label. Keep out of the reach of children.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. The product is no more hazardous than its component parts pursuant to 29CFR 1910.1200 (D). The technical information on this MSDS sheet is based upon information submitted by manufacturers and additional information furnished by distributor's chemical suppliers and manufacturers. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

PREPARED BY: Mr. Ronald D. Walser	DATE PREPARED: October 8, 2004
TITLE: Environmental Manager	SUPERSEDES: October 10, 2001 Ultra gal

(Signature Available upon Request)