

MATERIAL SAFETY DATA SHEET

Manufacturer's Name:

Masterchem®Industries, Inc.

3135 Old Highway M

Imperial, MO 63052

Company Code: MTER

Issue Date: October 9, 2001

Transportation Emergencies:

Call Chemtrec

1-800-424-9300

Emergency Telephone No.

1-800-325-3552

Medical Emergencies:

1-866-303-6951

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

Section I - Product Identification

PRODUCT NAME: **Kilz® - One Gallon Can**
 PRODUCT NUMBER: 51652-10001-3
 PRODUCT CLASS: ALKYD 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 | 14.83 | Mineral Spirits (Aliphatic Hydrocarbon) | 100 ppm | 100 ppm | 1.1 mm Hg @ 20°C | No |
| 64742-89-8 | 21.15 | VM & P Naphtha (Aliphatic Hydrocarbon) | 300 ppm | 300 ppm | 9.8 mm Hg @ 20°C | No |

SECTION II B - OTHER INGREDIENTS

| | | | | | | |
|------------|-------|--------------------|---|---|---|----|
| 71243-64-6 | 15-25 | Alkyd Resin | - | - | - | No |
| 14807-96-6 | 15-30 | Magnesium Silicate | - | - | - | No |
| 13463-67-7 | 5-15 | Titanium Dioxide | - | - | - | No |

SECTION III - PHYSICAL DATA

| | |
|---|--|
| APPEARANCE: White, Medium Viscosity Liquid | ODOR: Characteristic Hydrocarbon |
| BOILING RANGE: 240-375° F | VAPOR DENSITY: <input checked="" type="checkbox"/> HEAVIER <input type="checkbox"/> LIGHTER THAN AIR |
| EVAPORATION RATE: <input type="checkbox"/> FASTER <input checked="" type="checkbox"/> SLOWER THAN ETHER | <u>58.42%</u> VOLATILE VOLUME: <u>10.28</u> POUNDS WT/GAL |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | |
|--|---------------------------------------|------------------------------------|---|
| FLAMMABILITY CLASSIFICATION: OSHA 1B | FLASH POINT: 75° F SETA | LEL: 0.9 | DOT: ORM-D Consumer Commodity |
| EXTINGUISHING MEDIA: | | | |
| DRY CHEMICAL <input checked="" type="checkbox"/> | ALCOHOL FOAM <input type="checkbox"/> | WATER FOG <input type="checkbox"/> | FOAM <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> |

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 <input checked="" type="checkbox"/> | INHALATION <input checked="" type="checkbox"/> | INGESTION <input checked="" type="checkbox"/> |
|--|--|---|

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 or high humidity's. 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: Use only in a well-ventilated area, 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.

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| PREPARED BY: Mr. William R. Benton | DATE PREPARED: October 9, 2001 |
| NAME AND TITLE: W.R. Benton, MSDS Coordinator | SUPERSEDES: August 15, 2001 K1gal |

(Signature Available upon Request)