



MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

KEYSTONE KOOL DECK REPAIR KIT
(Liquid Mix)

Product code : All Colors

MSDS DATE : 4/20/2000

Hazard Rating		Scale
Toxicity	0	4=EXTREME
Fire	0	3=HIGH
Reactivity	0	2=MODERATE
Special	-	1=SLIGHT
		0=INSIGNIFICANT

COMPONENT INFORMATION

<u>No.</u>		<u>CAS REG NO.</u>	<u>AMT.(%)</u>
1	Styrene Butadiene Copolymer	9003-55-8	46%
2	Water	7732-18-5	50%
3	Emulsifiers	Proprietary	4%

EMERGENCY RESPONSE INFORMATION

FIRST AID PROCEDURES

(Have Physician call Los Angeles Poison Information Center. 24 Hrs. (800) 356-3129)

If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

EYE CONTACT

If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

SKIN CONTACT

First aid is not normally required. However, it is good practice to wash any chemical from the skin.

INGESTION

No first aid is normally required; however, if swallowed and symptoms develop, seek medical attention.

FIRE FIGHTING INFORMATION

EXTINGUISHING AGENTS

For dried solids, use water, foam, CO₂ or dry chemical fire fighting apparatus.

PERSONAL PROTECTIVE EQUIPMENT

As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

SPECIAL PROCEDURES

Use water spray to control heat. Do not use a solid stream of water. A solid stream of water can cause dust. Material will float on water. Material usually burns slowly (smolders) emitting small amount of smoke.

FIRE & EXPLOSION HAZARDS

Closed containers exposed to extreme heat may rupture due to pressure build up.

FIRE FIGHTING PROCEDURE

Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame.

CONTINUED



SPILL OR LEAK HANDLING INFORMATION

PERSONAL PROTECTION

None needed.

PROCEDURES

Flush spilled material into suitable retaining areas or containers with large quantities of water. Small spills: Spilled material may be absorbed into an appropriate absorbent. Prevent spilled liquid from entering sewers, storm drains, other unauthorized treatment/drainage systems and natural waterways. Notify appropriate state/local agencies.

REPORTABLE QUANTITY

Not noted.

HAZARD INFORMATION

HEALTH EFFECTS FROM OVEREXPOSURE

PRIMARY ROUTES OF EXPOSURE

Inhalation. Skin Contact. Eye Contact. Ingestion.

INHALATION

Breathing high concentrations of vapors or aerosols of this material may cause nausea and irritation of the nose, throat and respiratory tract. Respiratory symptoms associated with preexisting lung disorders (E.G., asthma-like conditions) may be aggravated by exposure to this material.

EYE CONTACT

This material may cause eye irritation. Direct contact with the liquid or exposure to vapors or aerosols may cause stinging, tearing and redness.

SKIN CONTACT

This material is not expected to be a skin irritant. However, if allowed to remain on the skin without being rinsed off with water, a thin film may form, Removal of this film may result in slight irritation dependent on the method of removal. Skin absorption of this material is unlikely.

INGESTION

While this material has a low degree of toxicity, ingestion of excessive quantities may cause irritation of the digestive tract.

DELAYED EFFECTS

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. Total residual monomer content does not exceed 0.5%. Any individual component that may pose a cancer hazard is present at less than 0.1%. Use of this product may, in some circumstances, generate the same hazards associated with the base monomers. The user should evaluate his use of the product to determine if hazards from residual monomers exist.

FIRE AND EXPLOSIVE PROPERTIES

Flash Point	Not Applicable
Lower explosive limit	Not Applicable
Upper explosive limit	Not Applicable

REACTIVITY INFORMATION

INSTABILITY

This material is considered stable.

HAZARDOUS DECOMPOSITION PRODUCTS

Combustion may produce carbon dioxide (CO₂) and carbon monoxide (CO) traces of monomer.

HAZARDOUS POLYMERIZATION

Will not occur.

CONTINUED



ACCIDENT PREVENTION INFORMATION

COMPONENT EXPOSURE INFORMATION

COMPONENT INFORMATION

<u>NO.</u>	<u>CAS REG NO.</u>
1. Styrene Butadiene Copolymer	Not established
2. Water	Not established
3. Emulsifiers	Not established

PERSONAL PROTECION MEASURES

RESPIRATORY PROTECTION

Respiratory protection may be necessary to minimize exposure to vapors or aerosols, depending on the nature and concentration of the airborne material, use a respirator or gas mask with appropriate filters. Cartridges and canisters (NIOSH approved, if available) or supplied air equipment.

EYE PROTECTION

Use chemical splash goggles (ANSIZ87.1) or approved equivalent.

HAND PROTECTION

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

FACILITY CONTROL MEASURES

VENTILATION

If current ventilation practices are not adequate to minimize exposure, additional ventilation or exhaust systems may be required.

OTHER PROTECTIVE EQUIPMENT

Facilities storing or utilizing this material should be equipped with an eyewash facility.

STORAGE AND HANDLING INFORMATION

STORAGE AND HANDLING PRECAUTIONS

Keep containers cool and dry. Use and store this product with adequate ventilation (See section IV). Keep product containers closed when not in use. Avoid subjecting this product to extreme temperature variations and freezing. Shocking emulsions with large quantities of chemicals or extreme shear may cause coagulation. Careful handling practices should be exercised an unnecessary exposure avoided. Do not wear saturated clothing or shoes.

SUPPLEMENTAL INFORMATION

TYPICAL PHYSICAL PROPERTIES

Appearance	Milky White Liquid
Odor Characteristic	Faint
Viscosity	N/A
Vapor Density (Air = 1)	< 1
Vapor Pressure	N/A
Boiling point	212°F/100°C
Solubility in Water	Dilutable
Evaporation rate (BAc = 1)	Equal Water

WASTE DISPOSAL

PROCEDURE

Dispose of product in accordance with local, county, state, and federal regulations.

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Mortex Manufacturing Co., Inc.
1818 West Price Street
Tucson AZ 85705

PRODUCT: KEYSTONE KOOL DECK

DATE: 4/20/2000

REGULATORY INFORMATION

TRANSPORTATION CLASSIFICATIONS

D.O.T. Hazard - Not regulated.

EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE3)

SECTION 311/312 CATEGORIZATIONS 40CFR 370

Not applicable.

SECTION 313 INFORMATION (40CFR 372)

Not applicable.

CERCLA INFORMATION (40CFR 302.4)

Not applicable

RCRA INFORMATION

When this product becomes a waste, it is classified as a non-hazardous waste under criteria of the Resource Conservation and Recovery Act (40 CFR 261).

ABBREVIATIONS:

ACGIH = American Conference of Governmental Industrial Hygenists
OSHA = Occupational Safety and Health Administration
TLV = Threshold Limit Value
PEL = Permissible Exposure Limit
TWA = Time Weighted Average exposure
STEL = Short-Term Exposure Limit
BAc = Butyl acetate

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