



SEALiT A-46

MATERIAL SAFETY
DATA SHEET

SECTION I - IDENTIFICATION

PRODUCT NAME:	SEALiT A-46	GENERIC DESCRIPTION:	None
MANUFACTURER:	RELTEK, LLC 2345 Circadian Way Santa Rosa, CA 95407 (707) 284-8808	PROPER SHIPPING NAME (49CFR 172.101): D.O.T. HAZARD NAME (49CFR 172.101): D.O.T. HAZARD CLASS / PACKING GROUP : RCRA HAZARD CLASS (49CFR 261)(if discarded):	Isopropanol, solution Isopropyl Alcohol Flammable Liquid
EMERGENCY PHONE:	(800) 535-5053	E.P.A. PRIORITY POLLUTANTS (40CFR 122.53): HEALTH (NFPA): FLAMMABILITY (NFPA): REACTIVITY (NFPA):	Ignitable (D001) None 2 3 0
DATE:	02-08-07 Rev g		
SUPERSEDES:	04-13-06 Rev f		

SECTION II - HAZARDOUS INGREDIENTS 29 CFR 1910.1200

CAS NO.	INGREDIENT	EXPOSURE LIMITS	WT. %
67-63-0	Isopropyl alcohol	OSHA PEL-SKIN and ACGIH TLV-SKIN: TWA 200 PPM, STEL 250 PPM	<030%
002996921	Proprietary	Not established. No exposure hazards are currently known.	<50%
001760243	Proprietary	ACGIH TLV & OSHA PEL SKIN; TWA 200 PPM, STEL 250 PPM.	<10%

SECTION III - PHYSICAL DATA

BOILING POINT: [760 MM HG]	Above >208°F/98°C	VOLATILITY BY WEIGHT:	No data available
SPECIFIC GRAVITY:[77EF/25EC]	0.99	EVAPORATION:	2.8
MELTING POINT:	Not Applicable	SOLUBILITY IN WATER:	Less than 1%
VAPOR PRESSURE: [77EF/25EC]	Less than 143 MM	ODOR:	Slight odor
VAPOR DENSITY: [77EF/25EC]	No data available	APPEARANCE:	Liquid / Clear

SECTION IV - HEALTH HAZARD DATA

EYE:	Direct contact irritates severely or permanently injures, redness & swelling, depending on exposure..	Flush with water for 15 minutes and get medical attention.
SKIN:	A single relatively short exposure may irritate. Prolonged concentrated exposure (24 - 48 hrs.) may irritate seriously, and injure internally if absorbed.	Wipe off and flush with water for 15 minutes. Get medical attention if ill effects persist.
INHALATION:	Vapor exposure may irritate nose and throat, and overexposure cause drowsiness. Repeated or prolonged exposures to high concentrations may cause allergic sensitization. Product generates methyl alcohol, which may cause blindness and damage to nervous system.	Remove to fresh air. Get medical attention if ill effects persist. Give artificial respiration if not breathing.
ORAL:	Product generates methyl alcohol if exposed to water, which may cause blindness, and possibly death is swallowed.	Get medical attention. If conscious, induce vomiting. Lie down, keep warm, and cover eyes to exclude light.
COMMENTS:	When heated to temperatures above 150 °C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer; and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OHA Permissible Exposure Limit for formaldehyde.	This is an experimental product and toxicological properties have not been evaluated completely.

SECTION V - FIRE AND EXPLOSION DATA			
FLASH POINT:	Closed cup, <140°F/60°C	SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
AUTOIGNITION:	<964°F/517°C		
FLAMMABILITY LIMITS IN AIR:	Extremely flammable		
EXTINGUISHING MEDIA:	Water fog, CO2, Dry chemical, Foam	UNUSUAL FIRE AND EXPLOSION HAZARDS:	Vapors are heavier than air and can travel along the ground to remote ignition sources; static electricity may accumulate and ignite vapors.
SECTION VI - REACTIVITY DATA			
STABILITY:	Stable	HAZARDOUS DECOMPOSITION PRODUCTS:	Nitrogen oxides, Silicon dioxide, Carbon monoxide, carbon dioxide, and traces of incompletely burned carbon products.
INCOMPATIBILITY:	Oxidizing material can cause reaction.		
CONDITIONS TO AVOID:	When heated to temperatures above 150°C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer; and an irritant to the eyes, nose, throat, skin, and digestive system. Keep vapor concentrations within the OHA Permissible Exposure Limit for formaldehyde.	POLYMERIZATION:	Will not occur.
SECTION VII - SPILL, LEAK, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES			
RELEASED OR SPILLED:	Use absorbent material to collect and contain for salvage or disposal.	REPORTABLE HAZARD:	None
WASTE DISPOSAL METHOD:	Consult local, state and federal regulations concerning health and pollution to determine approved disposal procedures. Cured material is an inert polymer compound.	REPORTABLE CONCENTRATION:	Not applicable
COMMENTS:		REPORTABLE QUANTITY:	Product is an oil in the context of the U.S. Clean water act. Spills to U.S. Surface waters, or to watercourse or sewer leading to U.S. Surface waters, that cause a visible sheen must be reported to the national response center.
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING			
EYES:	Safety glasses.	PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:	Product involves small amounts of ethanol when exposed to water or humid air.
SKIN:	Washing at mealtime and end of shift is adequate.		
INHALATION AND VENTILATION:	Use respiratory protection where local exhaust ventilation is not adequate or air-sampling data show exposures are not within TLV and PEL guidelines.	COMMENT:	Open spray application not recommended: see TSCA certification. These precautions are for room temperature handling; use at elevated temperatures, or aerosol/spray applications, may require added precautions.
EXHAUST MECHANICAL:	Recommended Recommended		
SECTION IX - COMMENTS			
The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. SARA SEC 312 Hazard Class: Immediate, delayed and fire. SEC 313 Notification: Not applicable. STATE COMPLIANCE: Pennsylvania – 01760243, 018406412; Massachusetts - 000107153; New Jersey – 018406412, 001760243			