

SECTION I - IDENTIFICATION

PRODUCT NAME:	BONDIT A-53	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. ID NO (49CFR 172.101): D.O.T. HAZARD CLASS (49CFR 172.101): RCRA HAZARD CLASS (49CFR 261)(if discarded):	Isopropanol, solution Isopropyl Alcohol UN 1219/PG II Flammable Liquid
EMERGENCY PHONE:	(800) 535-5053	E.P.A. PRIORITY POLLUTANTS (40CFR 122.53):	Ignitable (D001)
DATE:	02-01-07 Rev d	HEALTH (NFPA):	None
SUPERSEDES:	04-13-06 Rev c	FLAMMABILITY (NFPA):	2
		REACTIVITY (NFPA):	3
			0

SECTION II - HAZARDOUS INGREDIENTS 29 CFR 1910.1200

CAS NO.	INGREDIENT	EXPOSURE LIMITS	WT. %
000067630	Isopropyl alcohol	OSHA PEL-SKIN and ACGIH TLV-SKIN: TWA 200 PPM, STEL 250 PPM.	<50%
002996921	Proprietary	Not established. No exposure hazards known. Recommend TWA 50 PPM.	<50%
003388043	Proprietary	Not established. No exposure hazards known. Recommend TWA 50 PPM.	<50%
000067561	Methyl alcohol	ACGIH TLV & OSHA PEL SKIN; TWA 200 PPM, STEL 250 PPM.	<1%

SECTION III - PHYSICAL DATA

BOILING POINT: [760 MM HG]	Above >143°F/62°C	VOLATILITY BY WEIGHT:	Less than 80%
SPECIFIC GRAVITY:[77EF/25EC]	1.05	EVAPORATION:	Not Applicable
MELTING POINT:	Not Applicable	SOLUBILITY IN WATER:	Less than 0.1%
VAPOR PRESSURE: [77EF/25EC]	Less than 5 MM	ODOR:	Slight odor
VAPOR DENSITY: [77EF/25EC]	Above 1	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, 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 in contact with moisture, 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 in reaction with stomach fluids, which may cause blindness, and possibly.	Get medical attention. If conscious, induce vomiting. Lie down, keep warm, and cover eyes to exclude light. If medical attention is delayed therapeutic administration of ethanol (whiskey) preferentially oxidizes and reduces production of methanol metabolites.
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, <143°F/62°C	SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
AUTOIGNITION:	Not determined		
FLAMMABILITY LIMITS IN AIR:	LOWER: Not determined UPPER: Not determined	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.
EXTINGUISHING MEDIA:	Water fog X CO2 X Dry chemical X Foam X Other		

SECTION VI - REACTIVITY DATA

STABILITY:	Stable	HAZARDOUS DECOMPOSITION PRODUCTS:	Nitrogen oxides, Silicon dioxide, carbon dioxide, and traces of incompletely burned carbon products.
INCOMPATIBILITY:	Oxidizing material can cause reaction.	POLYMERIZATION:	Will not occur.
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.		

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:	D.O.T. AND E.P.A. - product contains no ingredient subject to D.O.T. or E.P.A. CERCLA/SARA environmental release reporting regulations.	REPORTABLE QUANTITY:	None

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING

EYES:	Safety glasses.	PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:	Product involves small amounts of methanol when exposed to water or humid air.
SKIN:	Washing at mealtime and end of shift is adequate.	COMMENT:	These precautions are for room temperature handling; use at elevated temperatures, or aerosol/spray applications, may require added precautions.
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.		
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 -002996921, 000067561; Massachusetts - 000067561; New Jersey - 002996921,003027212,000067561, 3388043.

California Proposition 65 - This product contains Toluene (<30 ppm) which the State of California has found to cause birth defects or other reproductive harm. (Toluene appears on the 1/1/91 repro-toxicant list.)