

**SECTION I - IDENTIFICATION**

<b>PRODUCT NAME:</b>	<b>BONDIT A-43</b>	<b>GENERIC DESCRIPTION:</b>	None
<b>MANUFACTURER:</b>	<b>RELTEK, LLC</b> 2345 Circadian Way Santa Rosa, CA 95407 (707) 284-8808	<b>PROPER SHIPPING NAME (49CFR 172.101):</b> <b>D.O.T. HAZARD NAME (49CFR 172.101):</b> <b>D.O.T. ID NO (49CFR 172.101):</b> <b>D.O.T. HAZARD CLASS (49CFR 172.101):</b> <b>RCRA HAZARD CLASS (49CFR 261)(if discarded):</b>	Isopropanol, solution Isopropyl Alcohol UN 1219/PG II Flammable Liquid
<b>EMERGENCY PHONE:</b>	<b>(800) 535-5053</b>	<b>E.P.A. PRIORITY POLLUTANTS (40CFR 122.53):</b> <b>HEALTH (NFPA):</b> <b>FLAMMABILITY (NFPA):</b> <b>REACTIVITY (NFPA):</b>	Ignitable (D001) None 2 3 0
<b>DATE:</b>	<b>04-13-06 Rev d</b>		
<b>SUPERSEDES:</b>	<b>12-17-03 Rev c</b>		

**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.	<50%
002996921	Proprietary	Not established. No exposure hazards are currently known.	<30%
001760243	Proprietary	ACGIH TLV & OSHA PEL SKIN; TWA 200 PPM, STEL 250 PPM.	<30%
000107153	Ethylenediamine	ACGIH TLV & OSHA PEL SKIN; TWA 10 PPM.	<1%

**SECTION III - PHYSICAL DATA**

<b>BOILING POINT: [760 MM HG]</b>	Above >143°F/62° C	<b>VOLATILITY BY WEIGHT:</b>	Less than 80%
<b>SPECIFIC GRAVITY:[77EF/25EC]</b>	1.05	<b>EVAPORATION:</b>	Not Applicable
<b>MELTING POINT:</b>	Not Applicable	<b>SOLUBILITY IN WATER:</b>	Less than 0.1%
<b>VAPOR PRESSURE: [77EF/25EC]</b>	Less than 5 MM	<b>ODOR:</b>	Slight odor
<b>VAPOR DENSITY: [77EF/25EC]</b>	Above 1	<b>APPEARANCE:</b>	Liquid / Clear

**SECTION IV - HEALTH HAZARD DATA**

<b>EYE:</b>	Direct contact irritates severely or permanently injures, redness & swelling, depending on exposure..	Flush with water for 15 minutes, get medical attention.
<b>SKIN:</b>	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.
<b>INHALATION:</b>	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.
<b>ORAL:</b>	Product generates methyl alcohol, 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.
<b>COMMENTS:</b>	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	This is an experimental product and toxicological properties have not been evaluated completely.

**SECTION V - FIRE AND EXPLOSION DATA**

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<b>FLASH POINT:</b>	Closed cup, <143°F/62°C	<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
<b>AUTOIGNITION:</b>	Not determined		
<b>FLAMMABILITY LIMITS IN AIR:</b>	<b>LOWER:</b> Not determined <b>UPPER:</b> Not determined	<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Vapors are heavier than air and can travel along the ground to remote ignition sources; static electricity may accumulate and ignite vapors.
<b>EXTINGUISHING MEDIA:</b>	Water fog X CO2 X Dry chemical X Foam X Other		

**SECTION VI - REACTIVITY DATA**

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

**SECTION VII - SPILL, LEAK, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES**

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<b>RELEASED OR SPILLED:</b>	Use absorbent material to collect and contain for salvage or disposal.	<b>REPORTABLE HAZARD:</b>	None
<b>WASTE DISPOSAL METHOD:</b>	Consult local, state and federal regulations concerning health and pollution to determine approved disposal procedures. Cured material is an inert polymer compound.	<b>REPORTABLE CONCENTRATION:</b>	Not applicable
<b>COMMENTS:</b>	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.	<b>REPORTABLE QUANTITY:</b>	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**

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<b>EYES:</b>	Safety glasses.	<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:</b>	Product involves small amounts of ethanol when exposed to water or humid air.
<b>SKIN:</b>	Washing at mealtime and end of shift is adequate.		
<b>INHALATION AND VENTILATION:</b>	Use respiratory protection where local exhaust ventilation is not adequate or air-sampling data show exposures are not within TLV and PEL guidelines.	<b>COMMENT:</b>	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.
<b>EXHAUST: MECHANICAL:</b>	Recommended Recommended		

**SECTION IX - COMMENTS**

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for formaldehyde.