

SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION**Company Address:**8125 Cobb Center Drive
Kennesaw, GA 30152Product Information: 800-TECH-401
Customer Service: 800-645-5244Emergency: (Chemtrec) 800-424-9300
Revision Date: February 10, 2007**Product Identification****CIRCUITWORKS® RUBBER KEYPAD REPAIR KIT - Part B (Curing Agent)****Product Code: CW2605, CW2610, (Part B)****SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Wt. % Range
2-(2-Ethoxyethoxy) ethyl acetate	112-15-2	50.0-85.0
Methanol	67-56-1	1.0-3.0
Alkoxysilane ester	mixture	5.0-25.0

SECTION 3: HAZARD IDENTIFICATION**Emergency Overview:** Amber liquid with a pungent odor. This product is combustible. Liquid and vapors will irritate eyes and skin. Breathing high concentrations of product may cause headache, nausea, dizziness.**Potential Health Effects:****Eyes:** Vapors of this product may irritate the eyes. Liquid is irritating and potentially damaging. Can cause chemical burns of the cornea.**Skin:** Contact may cause severe irritation. Repeated contact can cause absorption of potentially harmful amounts of material.**Ingestion:** Harmful or fatal if swallowed. Causes vomiting, nausea, diarrhea, and irritation of the mouth, throat, and stomach and mental sluggishness. Can cause liver and kidney and heart muscle damage, blindness, even death. DO NOT INGEST.**Inhalation:** Harmful if inhaled. May cause irritation to the respiratory tract. May lead to headache, nausea, dizziness, vomiting, loss of coordination, central nervous system depression and unconsciousness.**Pre-Existing Medical Conditions Aggravated by Exposure:** Liver, kidney, heart, lung, eye, skin.**SECTION 4: FIRST AID MEASURES****Eyes:** Immediately flush with large amounts of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined by a Physician.**Skin:** Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.**Ingestion:** If swallowed, give two or more glasses of water immediately and induce vomiting. Get medical attention.**Inhalation:** In case of exposure to high concentrations of vapor or mist, remove to fresh air. If breathing is difficult, give oxygen and call a Physician. If breathing has stopped, apply artificial respiration and call a Physician.**SECTION 5: FIRE FIGHTING MEASURES****Flash Point:** 212°F (100C) [2-(2-Ethoxyethoxy) ethyl acetate] **LEL/UEL:** not available (% by volume in air)**Extinguishing Media:** Use alcohol foam, water foam, carbon dioxide, dry chemical, or water spray. Water may not be effective in fighting the fire but can be used to cool overheated areas. Care must be taken to not spread the fire.**Fire Fighting Instructions:** Remove all ignition sources. Use water spray to cool overheated containers. Take care not the spread fire with water. As in any fire, wear self-contained breathing apparatus (pressure demand, OSHA/NIOSH approved or equivalent) and full protective gear. Solvent vapors are an explosion hazard. Keep material away from all sources of ignition, extreme heat, sparks or open flame. Material can be easily ignited and burns with intense heat.**SECTION 6: ACCIDENTAL RELEASE MEASURES****Large Spills:** Remove all sources of ignition (sparks, open flames, etc.). Wear self-contained breathing apparatus and appropriate personal protective equipment. Ventilate area and contain and absorb spill with inert material. Collect spill by scooping up liquids and absorbent material and place in a chemical waste container for proper disposal. Do not flush to sewer. Prevent material from entering storm sewers, ditches that lead to waterways and ground.**Small Spills:** Absorb spill with absorbent material, then place in a chemical waste container for proper disposal.**SECTION 7: HANDLING AND STORAGE**

Avoid prolonged or repeated contact with skin, eyes or clothing. Wash hands before eating. Use with adequate ventilation. Avoid breathing product vapor. Do not reuse this container. Store in a cool dry place, away from heat, sparks or flames. Keep container tightly closed when not in use. Do not store in direct sunlight.

KEEP OUT OF REACH OF CHILDREN.**SECTION 8: EXPOSURE CONTROLS PERSONAL PROTECTION****Exposure Guidelines:**

CHEMICAL NAME	ACGIH TLV	OSHA PEL	ACGIH STEL
2-(2-Ethoxyethoxy) ethyl Acetate	NA	NA	NA
Methanol	200 ppm	200 ppm	250 ppm
Alkoxy Silane Ester	NA	NA	NA

Work/Hygienic Practices: Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. If vapor concentration exceeds TLV, use NIOSH approved organic vapor cartridge respirator. Wear safety glasses with side shields or goggles and rubber or other chemically resistant gloves when handling this material.

NFPA and HMIS Codes:	NFPA	HMIS
Health	3	3
Flammability	2	2
Reactivity	1	1
Personal Protection	-	B

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIESPhysical State: Amber liquidOdor: EsterpH: NAVapor Pressure: <96 mmHg @ 20°CVapor Density: >1

(Air = 1)

Solubility in Water: ReactsSpecific Gravity: 1.0Evaporation Rate: <1

(Butyl acetate=1)

Boiling Range: 148-423°F (64-218C)Percent Volatile: 75.0-95.0%**SECTION 10: STABILITY AND REACTIVITY**Stability: This product is stable. Conditions to Avoid: Avoid heat, sparks, open flame, halogens, and water.Incompatibility: Do not mix strong oxidizers, acids, bases, caustics, amines, alkali, and water.Products of Decomposition: Decomposition may release carbon monoxide, carbon dioxide, and silicon dioxide.Hazardous Polymerization: Will not occur under normal conditions.Conditions to avoid: Water, moisture and temperatures over 266°F.**SECTION 11: TOXICOLOGICAL INFORMATION**

Ingredients	LD50 (rat) Oral	LD50 (rbt) Dermal	LC50 (rat) Inhalation
2-(2-Ethoxyethoxy) ethyl Acetate	4400 mg/kg	15100 µL/kg	NA
Methyl Alcohol	5628 mg/kg	20 mg/24H MOD	64000 ppm/4H
Alkoxy Silane Ester	NA	NA	NA

Cancer Information: No ingredients listed as human carcinogens by NTP or IARCReproductive effects: noneTeratogenic effects: noneMutagenic effects: none**SECTION 12: ECOLOGICAL INFORMATION****Environmental Impact Information**

Avoid runoff into storm sewers and ditches which lead to waterways. Water runoff can cause environmental damage.

REPORTINGUS regulations require reporting spills of this material that could reach any surface waters. The toll free number for the US Coast Guard National Response Center is: **1-800-424-8802****SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all federal, state and local regulations. Water runoff can cause environmental damage.

SECTION 14: TRANSPORTATION INFORMATIONAir and Ground: Adhesive, Sealant

Not regulated

SECTION 15: REGULATORY INFORMATION**SECTION 313 SUPPLIER NOTIFICATION**

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

Product	CAS No.	Wt. % Range
Methanol	67-56-1	1.0-3.0

This information should be included on all MSDSs copied and distributed for this material.

TOXIC SUBSTANCES CONTROL ACT (TSCA)

All ingredients of this product are listed on the TSCA Inventory.

WHMIS: Class B2: Class D2B

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16: OTHER INFORMATION

Normal ventilation for standard manufacturing practices is usually adequate. Local exhaust should be used when large amounts are released.

To the best of our knowledge, the information contained herein is accurate. However, all materials may present unknown hazards and should be used with caution. In particular, improper use of our products and their inappropriate combination with other products and substances may produce harmful results which cannot be anticipated. Final determination of the suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that may exist.