

Material Safety Data Sheet



IDENTITY (As Used on Label and List)
OXCON

Section I

Manufacturer's Name PERMA-CHINK Systems, Inc.	Emergency Telephone Number (423) 524-7343
Address (Number, Street, City, State, and ZIP Code) 1605 Prosser Road	Telephone Number for Information (423) 524-7343
Knoxville, TN 37914	Date Prepared 01-02-2003
Preparer's Name: David Kelly	Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Oxalic Acid Dihydrate	6153-56-6	N/A	1mg/m3	*	5-9

*On Anhydrous Basis

Section III – Physical/Chemical Characteristics

Boiling Point 212°F	Specific Gravity (H ₂ O=1) 1.0 - 1.2
Vapor Pressure (mm Hg.) 125mm Hg @ 100°F	Melting Point
Vapor Density (AIR = 1) 0.9	Evaporation Rate (Butyl Acetate = 1) < 1 Water
Solubility in Water Miscible in water, alcohol, acetone, some glycol ethers, insoluble in petroleum hydrocarbons.	
Appearance and Odor Clear odorless liquid.	

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) Non-flammable	Flammable Limits Non-flammable	LEL	UEL
Extinguishing Media Non-flammable			
Special Fire Fighting Procedures Non-flammable Use water to cool fire exposed containers.			

Unusual Fire and Explosion Hazards

Section V – Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable	✓ Avoid extreme heat
Incompatibility (Materials to Avoid) Avoid mixing with acids, ammonia, and active metals such as zinc, aluminum, magnesium, brass, or bronze.		
Hazardous Decomposition or Byproducts Material can form explosive hydrogen, carbon monoxide, or formic acid on contact with materials to avoid or in extreme heat		
Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	✓ None known

