

MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) Wrap-Cap® Wire Connectors		CATALOG NUMBER All Model 415 and 417 cat. #'s
MANUFACTURER'S NAME IDEAL INDUSTRIES, INC.		EMERGENCY TELEPHONE NO. (815) 895-5181
ADDRESS (Number, Street, City, State, Zip Code) Becker Place, Sycamore, IL 60178		
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) None		
CHEMICAL DESCRIPTION Flame Retarded Modified Polyvinyl Chloride	FORMULA See Below	

SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)*	Listed as a carcinogen in NTP, IARC or OSHA 1910(z) (specify)
9002-86-2	<40	Polyvinyl chloride	
111381-89-0	<40	Mixed phthalate ester	
111381-89-6			
111381-89-9			
68515-44-6			
68515-45-7			
85507-79-5			
471-34-1	<20	Calcium carbonate	
21645-51-2	<5.0	Aluminum trihydrate	
6865-35-6	<1.0	Barium stearate	
1309-64-4	<1.0	Antimony trioxide	
75-01-4	<.01	Vinyl chloride	

SECTION II - PHYSICAL DATA

BOILING POINT °F °C Solid	SPECIFIC GRAVITY (H ₂ O=1) 1.1 - 1.3	PERCENT VOLATILE BY VOLUME (%) N/A
SOLUBILITY IN WATER Insoluble	pH = N/A	PERCENT SOLID BY WEIGHT (%) 100
APPEARANCE AND ODOR Flexible plastic tubing, slight odor	IS MATERIAL: LIQUID (SOLID) GEL GAS PASTE	

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 700 deg. F	method used ASTM 1929	FLAMMABLE LIMITS	LEL	UEL
			N.E.	N.E.
EXTINGUISHING MEDIA Water, ARC, Dry Powder, Protein Type Air Foams				
SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained breathing apparatus to prevent inhalation of combustion gases				
UNUSUAL FIRE AND EXPLOSION HAZARDS PVC evolves hydrogen chloride, carbon monoxide, and other toxic gases when burned				

* None of the chemical raw materials contained in this formulation are considered hazardous under the Federal Hazards Communication Standard 29 C. F. R 1910.1200

SECTION IV - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE - Conditions to Avoid		None known
THRESHOLD LIMIT VALUE		
OSHA PEL of 15 mg/m ³ TWA for 8 hours ACGIH TLV of 10 mg/m ³ TWA for 8 hours		
PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify)		
EMERGENCY FIRST AID PROCEDURES		
SKIN CONTACT: No specific information for PVC		
EYE CONTACT: No specific information for PVC		
INGESTION: Rodents exposed to PVC by dietary inhalation route for 8 – 24 months have shown so significant toxicological effects		

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (materials to avoid)			
None			
HAZARDOUS DECOMPOSITION PRODUCTS:			
CO ₂ , CO, methyl and ethyl chlorocarbons, hydrogen chloride, and hydrogen bromide			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VI - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED		Sweep up to prevent entanglement or tripping
WASTE DISPOSAL METHOD		Landfill or incinerate in equipment designed to handle hydrogen chloride as a product of combustion
Follow local, state and federal guidelines.		
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)		N/A
RCRA HAZARDOUS WASTE NO. (40CFR 261.33)		N/A
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)		N/A
^a Theoretical _____ lb/gal	N/A	^b Analytical _____ lb/gal N/A

SECTION VII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)				
If conditions warrant, use NIOSH approved respiratory device				
VENTILATION	LOCAL EXHAUST (Specify Rate)	None normally required.	SPECIAL	N/A
	MECHANICAL (General) (Specify Rate)	Recommended in closed areas	OTHER	N/A
PROTECTIVE GLOVES (specify type)		EYE PROTECTION (specify type)		
None		Safety glasses		
OTHER PROTECTIVE EQUIPMENT				
N/A				

SECTION VIII - SPECIAL PRECAUTIONS


PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING		Handle under well ventilated conditions, avoid breathing fumes if burned
OTHER PRECAUTIONS		The adhesive in molten state can cause skin burns. Immediately immerse affected area in cold clean water. Do not attempt to pull away solidified material adhering to skin. Seek medical attention.

SECTION IX - ADDITIONAL INFORMATION

This product contains the following materials that are subject to the reporting requirements of Section 313 of EPCRA: CAS # 1309-64-4, Antimony Trioxide, 2.6%

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer: Antimony Trioxide

N/A = Not Applicable, N.E. = None Established

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:	
NAME James R. MacMurdo	SIGNATURE 
TITLE Director, Corporate Quality Assurance	
DATE 03/10/2006	