

**MATERIAL SAFETY DATA SHEET
FOR COATING, RESINS, AND RELATED MATERIALS
FULL DISCLOSURE**

Date of Preparation: 05/20/97

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Manufacturer: Perry-Austen Bowling Products
Address: 525 W. Laketon
Muskegon, MI 49443

Telephone #: 1/616/725-4972

Emergency #: 1/800/255-3924

CHEMTEL #: 1/800/255-3924

SECTION I - PRODUCT IDENTIFICATION

Manufacturer's Code Identification: 2D0850-05-99

Product Class: Cleaner

Trade Name: CV-88 Cleaner All Purpose Cleaner

HIS Information: Health - 1
Reactivity - 0

Flammability - 1
Personal Protective Equipment - B

HAZARD INDEX: 4 = Severe 3 = Serious 2 = Moderate 1 = Slight 0
= Least

SECTION II - INGREDIENTS

INGREDIENT MATERIAL DESCRIPTION REF#	CAS#	ACGIH TLV(TWA) PPM	OSHA PEL PPM	SAA 313 Y/N % Wt.
Glycoether EB	111-76-2	25	25	Y 10.0
Sodium Metasilicate	6834-92-0	10mg/M3	5 mg/M3	N 3.0
Non-Ionic Surfactants	Proprietary	Not established	Not established	N 1.0
Water	7732-18-5	Not established	Not established	N 85.5
Defoamer	Proprietary	Not established	Not established	N .5

This product contains no reported carcinogens or suspected carcinogens

SECTION III - PHYSICAL DATA

Boiling Range: High - 343 ° F. Low - 147 ° F.
Vapor Pressure: N/A
Vapor Density: (Air = 1) > 1
Evaporation Rate: (Butyl Acetate = 1) < 1
Weight Per Gallon: 8.39 lbs./gal.
VOC: N/A lbs./gal.
Physical State: Purple, Clear Liquid
Odor: Mild Soap
pH: N/A
Freezing Point: 30 F

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Classification: Non-Flammable DOT: Not Regulated
Lowest Flashpoint: >212 TCC ° F.
Explosion Level: Lower - N/A Upper - N/A
Upper Flammability Limit: N/A
Auto Ignition Temperature: N/A

Extinguishing Media: Use CO2, Dry Chemical or Foam

UNUSUAL FIRE AND EXPLOSION HAZARD: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed container may explode when exposed to extreme heat. Never use welding or cutting torch on or near container (even empty) because product may ignite explosively. Heavier-than-air vapors can travel long distances to ignition sources and flash back. Fire fighters should use the self-contained breathing apparatus with face piece.

SECTION V - HEALTH HAZARD DATA**EFFECTS OF EXCESSIVE OVEREXPOSURE:**

~~Acute/Chronic Term~~ may cause eye irritation, redness, blurred vision. Vapors may cause irritation of the eyes, nose, throat, upper respiratory tract, mucous membranes and skin. Ingestion may cause severe gastrointestinal irritation.

CHRONIC (Long Term):

None reported.

EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Flush with lukewarm water for 15 minutes. Contact physician.
SKIN CONTACT: Do not remove with solvent. Use waterless hand cleaner followed by soap and water. Remove and clean contaminated clothing.
INHALATION: Remove exposed individual to fresh air. Restore breathing, if necessary. Get medical attention.
INGESTION: Rinse mouth. Call a physician or Poison Control Center immediately. **DO NOT** induce vomiting unless advised by a physician.

SECTION VI - REACTIVITY DATA

INCOMPATIBILITY (Materials to Avoid): This material is incompatible with strong oxidizing agents, strong mineral acids, alkali metals and halogens.

STABILITY: This products is stable.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Spills must be safely contained and cleaned up immediately. Ventilation may be necessary. Keep out of drains, sewers, and waterways. If severity of spill is questionable, contact the Hazardous Material Response Team.

WASTE DISPOSAL METHOD: Close container after each use. For disposal guidance of unused amount, contact a household hazardous waste program, or your local government environmental control agency.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Prevent any person from breathing vapors or spray mists. Unless air monitoring establishes exposure limits below TLV, NIOSH/MSHA approved respiratory equipment must be used. Adequate ventilation achieved by fresh air movement is necessary during the application of this material

SKIN PROTECTION: Wear chemical resistant gloves and skin cream and/or protective clothing.

VENTILATION: Use ventilation as required to control vapor concentrations. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use a NIOSH-approved respirator to prevent overexposure.

Perry-Austen Bowling Products takes no responsibility for determining what measures are required for personal protection in any specific application. The general information given should be used with discretion.

SECTION IX - SPECIAL PRECAUTIONS

Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the sheet must be observed. Do not take internally.

HANDLING AND STORING PRECAUTIONS: Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. **DO NOT** smoke in storage areas or while handling this product.

THE INFORMATION CONTAINED HEREIN IS INFORMATION RECEIVED FROM OUR
RAW MATERIAL SUPPLIERS AND OTHER SOURCES AND IS BELIEVED TO BE
RELIABLE. THIS DATA IS NOT TO BE TAKEN AS WARRANTY OR REPRESENTATION
FOR WHICH PERRY-AUSTEN BOWLING PRODUCTS ASSUMES LEGAL RESPONSIBILITY.

Product: CV-88 Cleaner	Product #: 2D0850-05-99
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Package Description: 1 Fiberboard Box (2 X 2.5 Gal Plastic Cont - 19L) or 1 Plastic Drum X 113.5
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Weight:	Net: 47/276	Gross: 46/299
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Dimensions/Cubic Feet: 14.5X9.5X14.5 = 1.16

Flash Points: 200 ° F.
Ingredients (UPS-Canada):
Freeze/Thaw Stable: Yes

Air: Yes
UPS Air: Yes
Mail: Yes

Domestic (Per CFR 49)	Export
Shipping Papers: Clean CMPD (#48580 S-3)	Shipping Papers: Clean CMPD (#48580 S-3)

Hazardous Labels:	Hazardous Labels:
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Package Markings:	Package Markings:

Other Information:	Other Information:
	Packaging Group:

Packaging Instructions:	
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ERG No:
EMS No:
MFAG No:
Other: