



# WESTERN COLLOID

## Material Safety Data Sheet

### # C-130 "HERCULES" PAVEMENT SEALER Epoxy Modified, Coal Tar Pavement Sealer

Date: 11/30/02

Chemical Formula: Mixture

#### SECTION 1 - MANUFACTURER INFORMATION

<i>Manufacturer's Name:</i>	Western Colloid S.C., Inc.	Western Colloid N.C., Inc.
<i>Address:</i>	654 E. 60 <sup>th</sup> St., Los Angeles, CA 90001	700 71 <sup>st</sup> Ave., Oakland, CA 94621
<i>Emergency Phone No.:</i>	323-231-8292	510-430-0270
<i>Information Phone No.:</i>	323-231-8292	510-430-0270

#### SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT IS LESS THAN	OCCUPATIONAL EXPOSURE (TLV-TWA) (TLV-STEL)	SKIN DESIG- NATION	VAPOR PRESSURE mmHg	KNOWN OR SUSPECTED CARCINOGEN
COAL TAR PITCH	65996-93-2	45%	NA ---	NA	NA	YES
POLYMER PLUS PROPRIETARY ADDITIVE	---	2.3%	---	NA	NA	NA
AROMATIC PETROLEUM SOLVENT	64742-94-5	0.05%	100	NA	NA	NA
XYLENE	001330-20-70.01%	100	150	NO	6.6	NO
FORMALDEHYDE	50-00-0	0.0004%	---	---	---	YES
NONIONIC SURFACTANT	+++	+++	---	---	---	---
BENZO(a)ANTHRACENE	56-55-3	<0.4	---	---	NA	NA
BENZO(b)FLUORANTHENE	205-99-2	<0.4	---	---	NA	YES
BENZO(k)FLUORANTHENE	207-08-9	<0.4	---	---	NA	YES
BENZO(j)FLUORANTHENE	205-82-3	<0.22	---	---	NA	YES
BENZO(a)PYRENE	50-32-8	<0.4	---	---	NA	YES
DIBENZO(a,h)ANTHRACENE	53-70-3	<0.22	---	---	NA	YES
INDENO(1,2,3-cd)PYRENE	193-39-5	<0.22	---	---	NA	YES
PHTHANTHRENE	85-01-8	<0.9	---	---	NA	YES

+++THE SPECIFIC CHEMICAL IDENTITY AND/OR WEIGHT PERCENT IS BEING WITHHELD AS A TRADE SECRET.

---NOT ESTABLISHED

NA NOT AVAILABLE

#### SECTION III - PHYSICAL DATA

BOILING RANGE: NOT ESTABLISHED

ODOR: LIGHT "CREOSOTE" ODOR

VAPOR DENSITY: IS HEAVIER THAN AIR

EVAPORATION RATE: SLOWER THAN ETHER

APPEARANCE: BLACK VISCOUS LIQUID

VOLATILITY BY WEIGHT: 50%

VOC.'S LB/GAL: UNDER 250 VOC (GRAM/LITER)

SOLUBILITY: DILUTABLE

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION : 0

FLASH POINT: N/A

OSHA - NOT FLAMMABLE

DOT - NOT FLAMMABLE

(SETAFLASH CLOSED UP) UEL: N/A

EXTINGUISHING METHOD: FOAM, CO2, DRY CHEMICAL, WATER FOG

SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS. NON-FLAMMABLE. AFTER WATER EVAPORATES, REMAINING MATERIAL WILL BURN.

PRODUCT WILL NOT BURN BUT MAY SPATTER IF TEMPERATURE EXCEEDS BOILING POINT OF WATER. DRIED SOLIDS CAN BURN GIVING OFF OXIDES OF CARBON.

SPECIAL FIRE-FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS RECOMMENDED FOR PROTECTION AGAINST EXPOSURE TO COAL TAR VOLATILES (DRIED MATERIAL). WILL NOT BURN IN LIQUID STATE.

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### SECTION V – PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: STABLE

CONDITIONS TO AVOID: AVOID FREEZING

INCOMPATIBILITY (MATERIALS TO AVOID): AVOID MINERALS THAT REACT WITH WATER

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: THERMAL DECOMPOSITION OR BURNING MAY PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: NOT EXPECTED

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### SECTION VI – HEALTH HAZARDS

TRACE COMPONENT AND RESIDUAL MONOMER VAPORS MAY BE IRRITATING TO THE EYES, SKIN, MUCOUS MEMBRANES, RESPIRATORY TRACT, AND MAY PRODUCE SYMPTOMS OF HEADACHE AND NAUSEA IN POORLY VENTILATED AREAS.

CONTACT MAY CAUSE TRANSIENT REDDENING OF THE SKIN. DIRECT EYE CONTACT WILL CAUSE EYE IRRITATION. SEE A PHYSICIAN IMMEDIATELY!

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE MAY BE EXPECTED. CONTACT A PHYSICIAN IMMEDIATELY.

HEALTH HAZARDS (ACUTE & CHRONIC): PROLONGED EXPOSURE CAN CAUSE SKIN IRRITATION. PROLONGED AND REPEATED EXPOSURE TO CTPV (Coal Tar Pitch Volatiles) IS ASSOCIATED WITH INCREASED RISK OF CANCER OF THE LUNGS, SKIN, BLADDER AND KIDNEYS.

THIS PRODUCT MAY CONTAIN TRACE AMOUNTS OF FORMALDEHYDE, WHICH IS CONSIDERED CARCINOGENIC. TRACE AMOUNTS OF ETHYLENE OXIDE MAY BE PRESENT WHICH IS CARCINOGENIC AND A REPRODUCTIVE TOXIN. CTPV EXPOSURE IS ASSOCIATED WITH INCREASED RISK OF CANCER OF THE LUNGS, SKIN, BLADDER AND KIDNEYS.

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### SECTION VII – EMERGENCY & FIRST AID

SKIN: WASH WITH SOAP AND CLEAN WATER.

EYES: FLUSH WITH CLEAN WATER.

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### SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: RECOVER SPILLED MATERIAL WITH SCOOP OR SHOVEL. MAY BE REUSED. STAY UPWIND AND AWAY FROM SPILL. IF SPILL IS INDOORS, VENTILATE AREA OF SPILL. IF LARGE SPILL, CALL SPILL RESPONSE TEAM. NOTIFY APPROPRIATE STATE/LOCAL AGENCIES.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE ABOVE FREEZING.

OTHER PRECAUTIONS: AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

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### SECTION IX – CONTROL MEASURES

VENTILATION: MAINTAIN PROPER VENTILATION IN THE WORKING AREA TO KEEP AIR CONTAMINANT CONCENTRATION BELOW OSHA PERMISSIBLE EXPOSURE LEVEL.

PROTECTIVE GLOVES: WEAR IMPERVIOUS GLOVES.

EYE PROTECTION: WEAR CHEMICAL GOGGLES TO PREVENT EYE CONTACT.

OTHER PROTECTIVE EQUIPMENT: WEAR PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

HYGIENIC PRACTICES: WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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### SECTION X - OTHER INFORMATION

	Health	Flammability	Reactivity
HMIS** Rating:	*1	1	1
NFPA*** Rating			

Notice: These ratings involve data and interpretations that may vary from company to company and are intended only for rapid, general identification of the magnitude of the specific hazard. TO DEAL ADEQUATELY WITH THE SAFE HANDLING OF THIS MATERIAL ALL OF THE INFORMATION CONTAINED IN THIS MSDS MUST BE CONSIDERED. The customer is responsible for determining the proper personal protective equipment needed for its particular use of this material.

\*\* Hazardous Materials Identification Systems [HMIS] Revised RAW MATERIALS RATING MANUAL, National Paint & Coatings Association, Fall 1984.

\*\*\* NFPA 704 Standard System for the Identification of the Fire Hazards of Materials, National Fire Protection Association, 1985

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