



WESTERN COLLOID
Material Safety Data Sheet
CT-400 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 th St., Los Angeles, CA 90001	700 71 st 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

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WT. PERCENT</u>	<u>TLV</u>
SILICEOUS MATERIAL (clay)	N/A	<20%	N/A
COAL TAR	65996-93-2	<30%	.07mg/m ³
WATER	732-18-5	<50%	NDA

SECTION III – PHYSICAL DATA

APPEARANCE: BLACK, VISCOUS LIQUID.
ODOR: LIGHT, "CREOSOTE" ODOR

BOILING POINT: SAME AS WATER (H₂O)
VAPOR PRESSURE (mmHG): 17
WATER SOLUBILITY: DISSOLVES IN WATER
VAPOR DENSITY (Air=1): SAME AS WATER (H₂O)

EVAPORATION RATE (BUTYL ACETATE=1): NONE
SPECIFIC GRAVITY (Water=1): 1.32
MELTING POINT: N/A

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS: N/A
FLASH POINT: NONE
EXTINGUISHING METHOD: DRY CHEMICAL, CO₂, FOAM, H₂O, FOG
UNUSUAL FIRE OR EXPLOSION HAZARDS: CO, CO₂, OXIDES OF NITROGEN, COAL TAR PITCH VOLATILES.

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.

SECTION V – PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY (THERMAL, LIGHT): STABLE
INCOMPATIBILITY (MATERIAL TO AVOID): AVOID CONTACT WITH STRONG OXIDIZERS.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂. OXIDES OF NITROGEN, COAL TAR PITCH VOLATILES.

SECTION VI – HEALTH HAZARDS

ROUTE(S) OF ENTRY: INHALATION? NO SKIN? YES INGESTION? NO
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.
CARCINOGENICITY: NTP? YES IARC MONOGRAPHS? NO OSHA REGULATED? NO

SIGNS AND SYMPTOMS OF EXPOSURE: PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

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.

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.

SECTION IX – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE REQUIRED.

VENTILATION:

LOCAL EXHAUST: NONE

SPECIAL: NONE

MECHANICAL (GENERAL): NONE

OTHER: NONE

PROTECTIVE GLOVES: YES

EYE PROTECTION: YES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: IMPERVIOUS CLOTHING TO PREVENT SKIN CONTACT. BARRIER CREAM OR SUN BLOCK #15.

WORK/HYGIENIC PRACTICES: USE GOOD HOUSEKEEPING PRACTICES.

SECTION X - OTHER INFORMATION

	Health	Flammability	Reactivity
HMIS** Rating:	*1	0	0
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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