



**WESTERN COLLOID**  
**Material Safety Data Sheet**  
**# 651 "FLEX CRAC"**  
**Cold Pour Crack Filler**

Date: 11/30/02

Chemical Formula: Mixture

**SECTION 1 - MANUFACTURER INFORMATION**

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

**SECTION III - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL mg/M3	ACGIH TLV mg/M3	OTHER	%(OPT)
ASPHALT RESIDUAL	08052-42-4	5.0	5.0(FUME)		<60.00
SYNTHETIC POLYMER	108-05-4				< 5.00
CRYSTALLINE SILICA QUARTZ	7631-86-9	0.1	0.1		<15.00
WATER	7732-18-5				<40.00

**SECTION IV - PHYSICAL DATA**

APPEARANCE: BLACK  
ODOR: PUNGENT ODOR

BOILING POINT: 212°  
VAPOR PRESSURE (mmHG): N/A  
WATER SOLUBILITY: SOLUBLE  
VAPOR DENSITY (Air=1): HEAVIER

EVAPORATION RATE (BUTYL ACETATE=1): WATER  
SPECIFIC GRAVITY (Water=1): 1.10  
MELTING POINT: N/A

**SECTION V - FIRE AND EXPLOSION HAZARD DATA**

FLAMMABLE LIMITS: LEL: N/A UEL: N/A  
FLASH POINT (METHOD USED): N/A  
EXTINGUISHING METHOD: WATER, ALL PURPOSE (ABC) DRY CHEMICAL, CO<sub>2</sub> FOAM.  
UNUSUAL FIRE OR EXPLOSION HAZARDS: NON FLAMMABLE IN EMULSION STATE.  
NOTE: IN ASPHALT STATE: SMALL FIRES-USE DRY CHEMICAL, CO<sub>2</sub>, HALON WATER SPRAY OR STANDARD FOAM. LARGE FIRES-USE WATER SPRAY, FOG OR STANDARD FOAM.

SPECIAL FIRE-FIGHTING PROCEDURES: ALTHOUGH THIS MATERIAL WILL NOT BURN, IF IT IS IN THE FIRE AREA, AN APPROVED, SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN TO PREVENT EXPOSURE TO THERMAL DECOMPOSITION PRODUCTS AND RESIDUAL MONOMERS.

**SECTION VI - PHYSICAL HAZARDS (REACTIVITY DATA)**

CONDITIONS TO AVOID: AVOID HEAT, SPARKS, OPEN FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.  
INCOMPATIBILITY (MATERIAL TO AVOID): ANY STRONG OXIDIZING AGENTS.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.  
STABILITY: STABLE.

**SECTION VII - HEALTH HAZARD DATA**

CARCINOGENITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO  
SIGNS AND SYMPTOMS OF EXPOSURE:  
EYES: MAY CAUSE MILD IRRITATION.  
SKIN: MAY CAUSE MILD IRRITATION.  
INHALATION: MAY CAUSE DIZZINESS, HEADACHE, NAUSEA.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: INDIVIDUALS WITH CHRONIC RESPIRATORY DISORDERS MAY BE ADVERSELY AFFECTED BY ANY FUME OR AIRBORNE PARTICLE MATTER EXPOSURE.

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**SECTION VIII – EMERGENCY & FIRST AID**

INHALATION: REMOVE FROM CONTAMINATED AREA. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION – CALL PHYSICIAN.  
INGESTION: IF CONSCIOUS GIVE 1 TO 2 GLASSES OF MILK OR WATER, INDUCE VOMITING AND CALL A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.  
EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES, HOLDING EYELIDS OPEN. CAL A PHYSICIAN IF IRRITATION DEVELOPS.  
SKIN: REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH SKIN WITH SOAP AND WATER.

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**SECTION IX – PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL IGNITION SOURCES. AVOID BREATHING VAPORS. OPEN ALL WINDOWS AND DOORS. KEEP OUT OF SEWERS AND WATER SOURCES. ADVISE PROPER AUTHORITIES.

WASTE DISPOSAL METHODS: AS PROVIDED UNDER RESOURCES CONSERVATION AND RECOVERY ACT (RCRA), AND IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, OPEN FLAME OR STRONG OXIDANTS.

OTHER PRECAUTIONS: AVOID BREATHING VAPORS. AVOID PROLONGED OR REPEATED SKIN CONTACT.

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**SECTION X – CONTROL MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE): USE A NIOSH APPROVED RESPIRATOR.  
VENTILATION: MUST BE ADEQUATE, USE LOCAL EXHAUST AS NEEDED.  
PROTECTIVE GLOVES: USE RUBBER GLOVES AS NEEDED.  
EYE PROTECTION: USE GOGGLES OR FACE SHIELD.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: AS NEEDED TO AVOID SKIN CONTACT.  
WORK/HYGIENIC PRACTICES: WASH SKIN AND EXPOSED CLOTHING THOROUGHLY WITH SOAP AND WATER AFTER USE.

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**SECTION XI - 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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