

I CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DATE: 10/17/07
 TRADE NAME; **CHEMSAFE 500C / CHEMSAFE 500W** (CLEAR / WHITE)
 GENERAL OR GENERIC ID: LOCKDOWN ENCAPSULANT
 MANUFACTURED FOR: ARAMSCO
 1480 GRANDVIEW AVE.
 THOROFARE, NJ 08086
 (800) 767-6933

24 HOURS TRANSPORTATION EMERGENCY NUMBER: CHEM-TREC (800) 424-9300

HMIS RATING: HEALTH (1) FIRE (0) REACTIVITY (0)
 4 = EXTREME, 3 = HIGH, 2 = MODERATE, 1 = SLIGHT, 0 = INSIGNIFICANT * = CHRONIC HAZARD

II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS CHEMICAL IDENTITY; COMMON NAMES	CAS#	ACGIH TWA/STEL	OSHA PEL TWA/STEL	% OPTIONAL
THERE ARE NO HAZARDOUS INGREDIENTS AT REPORTABLE LEVELS WITHIN THIS PRODUCT. REPORTABLE LEVELS ESTABLISHED BY OSHA OR EQUAL TO OR ABOVE THE .1% LEVEL.				

III PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE: 212°F	SPECIFIC GRAVITY (WATER = 1): 1.010
VAPOR PRESSURE (mm hg): 25MM HG	MELTING POINT: N/A
VAPOR DENSITY, (AIR = 1): 1	EVAPORATION RATE (BUTYLACETATE = 1): < 1
SOLUBILITY IN WATER: COMPLETE	PERCENT VOLATILE: < 20
pH: 8.2	
APPEARANCE AND ODOR: CS WHITE IS THICK, WHITE LIQUID, NEGLIGIBLE ODOR CS CLEAR IS THIN OPAQUE WHITE LIQUID, NEGLIGIBLE ODOR (DRIES CLEAR)	

IV FIRE AND EXPLOSION DATA

FLASH POINT, (METHOD USED): NO FLASH AT BOIL/FLAMMABLE LIMITS LEL: N/A UEL: N/A
 EXTINGUISHING MEDIA: CO₂; WATER FOG; DRY CHEMICAL; CHEMICAL FOAM
 FIRE FIGHTING PROCEDURES: FIRE FIGHTERS AND OTHERS WHO MAY BE EXPOSED TO THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH-APPROVED POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

V REACTIVITY DATA

STABILITY DATA: STABLE CONDITIONS TO AVOID: N/A
 INCOMPATIBILITY (MATERIALS TO AVOID): AVOID STRONG ACIDS/STRONG OXIDIZERS/STRONG BASES
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO₂, CO, ACRYLIC MONOMERS
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR CONDITIONS TO AVOID: N/A

VI HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS:

- INHALATION:** NO NEGATIVE EFFECTS EXPECTED. REMOVE TO FRESH AIR; IF SYMPTON PERSISTS, SEEK MEDICAL ATTENTION.
- SKIN:** PROLONGED CONTACT MAY CAUSE SLIGHT IRRITATION. INCIDENTAL CONTACT IS NOT EXPECTED TO CAUSE IRRITATION. REMOVE CONTAMINATED CLOTHING; WASH AREA WITH SOAP AND WATER.
- EYES:** CONTACT WITH EYES WILL CAUSE IRRITATION. FLUSH WITH WATER FOR 15 MIN. IF IRRITATION PERSISTS, SEEK PHYSICIAN.
- INGESTION:** MAY CAUSE GASTRIC DISTRESS, VOMITING OR DIARRHEA. GIVE TWO GLASSES OF WATER TO DILUTE AND SEEK MEDICAL ATTENTION.

HEALTH HAZARDS (ACUTE AND CHRONIC): ACUTE EFFECTS OF EXPOSURE MAY BE SLIGHT NAUSEA, OR DISCOMFORT. NO CHRONIC EFFECTS ARE KNOWN AT THIS TIME.

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: EXPOSURE TO THIS PRODUCT IS NOT EXPECTED TO CONTRIBUTE, WORSEN OR AGGRAVATE ANY PRE-EXISTING MEDICAL CONDITIONS.

VII PRECAUTIONS FOR DISPOSAL, SAFE HANDLING, AND USE

SPILLS: SMALL SPILLS: STOP DISCHARGE. CONTAIN MATERIAL WITH DIKE OR BARRIER.
LARGE SPILLS: STOP DISCHARGE. CONTAIN MATERIAL WITH DIKE OR BARRIER. RECAPTURE PRODUCT ANY PLACE IN CHEMICAL WASTE CONTAINERS, ABSORB REMAINDER WITH ABSORBENT CLAY OR SAWDUST.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM ABUSE AND EXTREME TEMPERATURES.

OTHER PRECAUTIONS: KEEP THIS AND OTHER CHEMICALS OUT OF REACH OF CHILDREN. AVOID BODY CONTACT WITH THIS PRODUCT AND ALL CHEMICALS.

VIII CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH APPROVED RESPIRATOR PROTECTION IS RECOMMENDED WHEN MISTS OR DUSTS ARE GENERATED.

VENTILATION: LOCAL EXHAUST IS RECOMMENDED. HOWEVER WHEN VAPORS, MISTS OR DUSTS CAN BE GENERATED IN ENCLOSED AREAS MECHANICAL MAY BE NECESSARY.

PROTECTIVE GLOVES: NEOPRENE OR RUBBER

EYE PROTECTION: GOGGLES WITH SIDE SHIELDS

OTHER PROTECTIVE EQUIPMENT: SAFETY EYEBATH NEARBY

WORK/HYGIENIC PRACTICES: EXHIBIT NORMAL SAFE WORKPLACE HABITS.

IX TRANSPORTATION

DOT SHIPPING NAME: NON-REGULATED SHIP AS CLEANING COMPOUND
PLACARDING: NONE REQUIRED
HAZARD CLASS: NON HAZARDOUS
IDENTIFICATION NO: NON HAZARDOUS
PACKING GROUP: NOT REGULATED
RQ (REPORTABLE QUANTITY): N/A

X REGULATORY INFORMATION

SARA TITLE III: SECTION 3111/312 – HAZARD CATEGORIES

N – FIRE HAZARD
N – SUDDEN RELEASE OR PRESSURE HAZARD
N – REACTIVITY HAZARD
N – IMMEDIATE (ACUTE) HEALTH HAZARD
N – DELAYED (CHRONIC) HEALTH HAZARD

OZONE DEPLETING CHEMICALS: **NO REGULATED INGREDIENTS**

SARA TITLE 302 - EXTREMELY HAZARDOUS MATERIALS: **NO REGULATED INGREDIENTS**

SARA TITLE 313 – TOXIC CHEMICALS: **NO REGULATED INGREDIENTS**

CALIFORNIA PROPOSITION 65: **NO REGULATED INGREDIENTS**

SPECIFIC PRECAUTIONS AND OTHER COMMENTS:

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need, that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.