

MATERIAL SAFETY DATA SHEET

CWP 130 POLYETHYLENE

EFFECTIVE: 1/5/05

PAGE: 1
Issued: 6/28/11

CHUSEI-WAXTECH POLYMERS, 12500 BAY AREA BLVD., PASADENA, TX 77507
EMERGENCY NUMBER -- (281) 474-7500

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SECTION I - PRODUCT IDENTIFICATION
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PRODUCT NAME : CWP 130 POLYETHYLENE
COMMON SYNONYMS : POLYETHYLENE, POLYETHYLENE WAX
CHEMICAL FAMILY : HYDROCARBON
FORMULA : POLYMER OF ETHENE
FORMULA WT. : RANGE
CAS NO. : 9002-88-4

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PRECAUTIONARY LABELING
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NFPA HAZARD RATINGS

HEALTH - 0
FLAMMABILITY - 1
REACTIVITY - 0
SPECIAL HAZARD - NONE

LABORATORY PROTECTIVE EQUIPMENT

SAFETY GOGGLES; LAB COAT; GLOVES (PARTICULARLY FOR THERMAL
PROTECTION WHEN MATERIAL IS HOT).

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SECTION II - COMPONENTS
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COMPONENT	CAS NO.	WEIGHT %	OSHA/PEL	ACGIH/TLV
POLYETHYLENE WAX	9002-88-4	CA. 100	N/E	N/E

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SECTION III - PHYSICAL DATA
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BOILING POINT : N/E VAPOR PRESSURE (MM HG) : N/E
(AT 760 MM HG) (@ 25°C)

SOFTENING POINT : ≈230°F VAPOR DENSITY (AIR = 1) : N/E
(ASTM D 36)

SPECIFIC GRAVITY: ≈0.94 EVAPORATION RATE : N/A
(H₂O = 1)

SOLUBILITY (H₂O): NIL % VOLATILES BY VOLUME : N/E
(@ 25°C)

PH : N/A

ODOR THRESHOLD (P.P.M.) : N/A PHYSICAL STATE : SOLID

COEFFICIENT WATER/OIL DISTRIBUTION : N/E

APPEARANCE & ODOR : FLAKED WHITE SOLID. WAX LIKE ODOR.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT (CLOSED CUP) : >120°C

AUTOIGNITION TEMPERATURE : N/E

FLAMMABLE LIMITS : N/E

FIRE EXTINGUISHING MEDIA

CO₂, FOAM, DRY CHEMICAL.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA (CONTINUED)
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SPECIAL FIRE-FIGHTING PROCEDURES

FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE. KEEP FIRE-EXPOSED CONTAINERS COOL USING WATER SPRAY.

UNUSUAL FIRE & EXPLOSION HAZARDS

CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE OR EXPLOSION.

TOXIC GASES PRODUCED
CARBON MONOXIDE, CARBON DIOXIDE.

EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT
NONE IDENTIFIED.

EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE
NONE IDENTIFIED.

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SECTION V - HEALTH HAZARD DATA
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THRESHOLD LIMIT VALUE (TLV/TWA) : N/E

SHORT-TERM EXPOSURE LIMIT (STEL) : N/E

PERMISSIBLE EXPOSURE LIMIT (PEL) : N/E

TOXICITY OF COMPONENTS : N/E

CARCINOGENICITY
NONE IDENTIFIED.

REPRODUCTIVE EFFECTS
NONE IDENTIFIED.

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SECTION V - HEALTH HAZARD DATA (CONTINUED)
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EFFECTS OF OVEREXPOSURE

INHALATION : FUMES FROM MOLTEN POLYETHYLENE WAX MAY CAUSE SLIGHT RESPIRATORY IRRITATION.

SKIN CONTACT : MOLTEN POLYETHYLENE WAX CAUSES BURNS.

EYE CONTACT : MOLTEN POLYETHYLENE WAX CAUSES BURNS. FUMES FROM MOLTEN POLYETHYLENE WAX MAY CAUSE SLIGHT IRRITATION. IRRITATION FROM SOLID MATERIAL HAS NOT BEEN ESTABLISHED.

SKIN ABSORPTION: NONE IDENTIFIED.

INGESTION : NONE IDENTIFIED.

CHRONIC EFFECTS: NONE IDENTIFIED.

TARGET ORGANS

EYES, SKIN, MUCOUS MEMBRANES.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

NONE IDENTIFIED.

PRIMARY ROUTES OF ENTRY

EYE CONTACT; SKIN CONTACT; INHALATION; INGESTION.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION : MAY CAUSE GASTROINTESTINAL DISTURBANCES. SHOULD NOT BE ABSORBED, SO INDUCTION OF VOMITING NOT NECESSARY.

INHALATION : IF DISCOMFORT IS EXPERIENCED FOLLOWING INHALATION OF FUMES FROM MOLTEN MATERIAL, REMOVE TO FRESH AIR.

SKIN CONTACT: IF BURNED BY MOLTEN MATERIAL, COOL WITH WATER AND SEEK MEDICAL ATTENTION.

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SECTION V - HEALTH HAZARD DATA (CONTINUED)
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EYE CONTACT : FLUSH WITH WATER. IF MOLTEN MATERIAL SPLASHES IN EYES, FLUSH WITH WATER AND SEEK MEDICAL

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EXTREMELY HAZARDOUS SUBSTANCE : NO
CERCLA HAZARDOUS SUBSTANCE : NO
TOXIC CHEMICALS : NO
TSCA INVENTORY : YES

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SECTION VI - REACTIVITY DATA
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STABILITY : STABLE
CONDITIONS TO AVOID : NONE IDENTIFIED.
INCOMPATIBLES : STRONG OXIDIZING AGENTS.
DECOMPOSITION PRODUCTS : CARBON MONOXIDE, CARBON DIOXIDE.
HAZARDOUS POLYMERIZATION : WILL NOT OCCUR.

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SECTION VII - SPILL & DISPOSAL PROCEDURES
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STEPS TO BE TAKEN IN THE EVENT OF A SPILL OR DISCHARGE
WEAR SUITABLE PROTECTIVE CLOTHING. DIKE TO PREVENT MOLTEN
MATERIAL FROM ENTERING SEWER OR WATERWAY. ALLOW TO SOLIDIFY
AND TAKE UP INTO SUITABLE CONTAINER FOR DISPOSAL.
DISPOSAL PROCEDURE
DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL
ENVIRONMENTAL REGULATIONS.

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SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT
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VENTILATION : USE GENERAL OR LOCAL EXHAUST VENTILATION
TO REMOVE FUMES FROM MOLTEN MATERIAL.
RESPIRATORY PROTECTION: WHEN VENTILATION IS NOT ADEQUATE, USE OF
A NIOSH-APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR IS
RECOMMENDED. IN EMERGENCY SITUATIONS, THE USE OF A SELF-CONTAINED
BREATHING UNIT MAY BE NECESSARY.

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EYE/SKIN PROTECTION : SAFETY GOGGLES, UNIFORM, APRON, AND
PROPER GLOVES ARE RECOMMENDED.

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SECTION IX - STORAGE AND HANDLING PRECAUTIONS

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STORAGE REQUIREMENTS

KEEP CONTAINER CLOSED. SUITABLE FOR GENERAL STORAGE AREAS.
ISOLATE FROM INCOMPATIBLE MATERIALS.

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SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

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DOMESTIC (D.O.T.)

PROPER SHIPPING NAME : NOT REGULATED.

INTERNATIONAL (I.M.O.)

PROPER SHIPPING NAME : NOT REGULATED.

AIR (I.C.A.O.)

PROPER SHIPPING NAME : NOT REGULATED.

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N/A = NOT APPLICABLE OR NOT AVAILABLE

N/E = NOT ESTABLISHED

THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET MEETS THE REQUIREMENTS OF THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ACT AND REGULATIONS PROMULGATED THEREUNDER (29 CFR 1910.1200 ET. SEQ.) AND THE CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONARY HANDLING OF THE MATERIAL BY A PERSON TRAINED IN, OR SUPERVISED BY A PERSON TRAINED IN, CHEMICAL HANDLING. THE USER IS RESPONSIBLE FOR DETERMINING THE PRECAUTIONS AND DANGERS OF THIS CHEMICAL FOR HIS OR HER PARTICULAR APPLICATION. DEPENDING ON USAGE, PROTECTIVE CLOTHING INCLUDING EYE AND FACE GUARDS AND RESPIRATORS MUST BE USED TO AVOID CONTACT WITH MATERIAL OR BREATHING CHEMICAL VAPORS/FUMES. EXPOSURE TO THIS PRODUCT MAY HAVE SERIOUS ADVERSE HEALTH EFFECTS. THIS CHEMICAL MAY INTERACT WITH OTHER SUBSTANCES.

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CHUSEI (USA) INC. 12500 BAY AREA BLVD. PASADENA, TX 77507
MATERIAL SAFETY DATA SHEET
EMERGENCY TELEPHONE -- (713) 474-7500

POLYLETS 500 POLYETHYLENE

EFFECTIVE: 5/10/92
CHUSEI-WAXTECH POLYMERS 12500 BAY AREA BLVD. PASADENA, TX 77507
MATERIAL SAFETY DATA SHEET
EMERGENCY TELEPHONE -- (281) 474-7500

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CWP 500 POLYETHYLENE (formerly WXT-100)

EFFECTIVE: 8/1/99
CWP 500 POLYETHYLENE (formerly WXT-100)

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SINCE THE POTENTIAL USES ARE SO VARIED, CHUSEI-WAXTECH POLYMERS CANNOT WARN OF ALL OF THE POTENTIAL DANGERS OF USE OR INTERACTION WITH OTHER CHEMICALS OR MATERIALS. CHUSEI-WAXTECH WARRANTS THAT THE CHEMICAL MEETS THE SPECIFICATIONS SET FORTH ON THE LABEL. CWP DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR PURPOSE.

THE USER SHOULD RECOGNIZE THAT THIS PRODUCT CAN CAUSE SEVERE INJURY AND EVEN DEATH, ESPECIALLY IF IMPROPERLY HANDLED OR THE KNOWN DANGERS OF USE ARE NOT HEDED. READ ALL PRECAUTIONARY INFORMATION. AS NEW DOCUMENTED GENERAL SAFETY INFORMATION BECOMES AVAILABLE, CHUSEI USA WILL PERIODICALLY REVISE THIS MATERIAL SAFETY DATA SHEET. IF YOU HAVE ANY QUESTIONS, PLEASE CALL CUSTOMER SERVICE FOR ASSISTANCE.

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