



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: TB-STX
MANUFACTURER NAME: TEKMAR
927 Indio Muerto Street
Santa Barbara, CA 93103, USA
805/965-0704
EMERGENCY PHONE: **CHEMTREK 1-800-424-9300**
RECOMMENDED USE: TEXTILE ADHESIVE

SECTION 2: HAZARDS IDENTIFICATION

WARNING



SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE SLIGHT SKIN IRRITATION IN PEOPLE PRONE TO ALLERGIC REACTIONS.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS#	%
DEXTRIN	9004-53-9	TRADE SECRET
WATER	7732-18-5	TRADE SECRET
SODIUM HYDROXIDE	1310-73-2	TRADE SECRET
BORAX	137-26-8	TRADE SECRET
ALDEHYDE	50-00-0	0.003

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: WASH AFFECTED SKIN AREAS THOROUGHLY WITH SOAP & WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

SECTION 5: FIRE FIGHTING MEASURES:

EXTINGUISHING AGENTS: USE FOAM, CARBON DIOXIDE, OR DRY CHEMICAL FIREFIGHTING APPARATUS APPROPRIATE FOR SURROUNDING FIRE.

UNUSUAL HAZARDS: NONE.

PERSONAL PROTECTIVE EQUIPMENT: NONE REQUIRED.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: NONE REQUIRED

EMERGENCY PROCEDURES: WASH WITH WATER TO WASTE TREATMENT SYSTEM.

CONTAINMENT: NONE REQUIRED

DISPOSAL: DISPOSE OF USED PRODUCT TO LANDFILL OR SECONDARY WASTE TREATMENT FACILITY.

SECTION 7: HANDLING AND STORAGE

HANDLING PROCEDURES: NO SPECIAL HANDLING PROCEDURES REQUIRED.

STORAGE CONDITIONS: KEEP FROM FREEZING. MAINTAIN PRODUCT BETWEEN 34* F AND 120* F. OPTIMUM STORAGE TEMPERATURE IS 65* F. AVOID EXTREME TEMPERATURE VARIATIONS.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	OSHA ppm mg/M	PEL ppm	ACGIH mg/M
DEXTRIN		NONE LISTED	NONE LISTED
WATER		NONE LISTED	NONE LISTED
SODIUM HYDROXIDE - BORAX	2	NONE LISTED	NONE LISTED
ALDEHYDE*		NONE LISTED	NONE LISTED

*OSHA & ACGIH SHORT TERM EXPOSURE LIMIT (STEL) FOR ALDEHYDE IS 2.0 ppm FOR A 15 MINUTE EXPOSURE. THE OSHA ACTION LEVEL IS 0.5 ppm - 8 HOUR TIME WEIGHTED AVERAGE.

TVL = 10mg/m3

ENGINEERING CONTROLS: LOCAL EXHAUST: 3000 fpm (MTV).

RESPIRATORY PROTECTION: NONE REQUIRED.

EYE PROTECTION: NONE REQUIRED.

HAND PROTECTION: NONE REQUIRED, HOWEVER, PEOPLE WITH SENSITIVE SKIN MAY WANT TO USE GLOVES.

OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	OPAQUE LIGHT TAN LIQUID
ODOR	BLAND
pH	6 - 7
MELTING POINT	32* F WATER
BOILING POINT	212* F WATER
FLASH POINT	NOT APPLICABLE
EVAPORATION RATE	< 1 WATER (BUTYL ACETATE = 1)
FLAMMABILITY	NOT APPLICABLE
UPPER EXPLOSIVE LIMIT	NOT APPLICABLE
LOWER EXPLOSIVE LIMIT	NOT APPLICABLE
VAPOR PRESSURE	17 mm. Hg. WATER
VAPOR DENSITY	< 1 WATER (AIR = 1)
SPECIFIC GRAVITY 1	.0 - 1.2 (WATER =1)
SOLUBILITY IN WATER	DILUTABLE
AUTO IGNITION TEMP.	NOT APPLICABLE
VISCOSITY	4,000 – 6,000 cPs
PERCENT SOLIDS	APPROX 33%

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: NONE KNOWN.

CHEMICAL STABILITY: THIS MATERIAL IS CONSIDERED STABLE.

OTHER: THIS PRODUCT IS INCOMPATIBLE WITH OXIDIZING MATERIALS.
THIS PRODUCT WILL NOT UNDERGO POLYMERIZATION.

SECTION 11: TOXICOLOGICAL INFORMATION

NO TOXICITY DATA ARE AVAILABLE FOR THIS MATERIAL.

SECTION 12: ECOLOGICAL INFORMATION

NO APPLICABLE DATA.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSE OF USED PRODUCT TO LANDFILL OR SECONDARY WASTE TREATMENT FACILITY.

SECTION 14: TRANSPORT INFORMATION

US DOT HAZARD CLASS ----- NOT REGULATED

SECTION 16: REGULATORY INFORMATION

WORKPLACE CLASSIFICATION: THIS PRODUCT, **AS SUPPLIED**, IS NON HAZARDOUS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29CFR 1910.1200). UNDER PROCESSING CONDITIONS, IT MAY BECOME OSHA HAZARDOUS DUE TO THE RELEASE AND EXPOSURE POTENTIAL OF VINYL ACETATE AND / OR ACETALDEHYDE (SEE 'HANDLING AND STORAGE' SECTION FOR RECOMMENDED HANDLING PROCEDURES).

THIS PRODUCT IS NOT A 'CONTROLLED PRODUCT' UNDER THE CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS).

EMERGENCY PLANNING & COMMUNITY RIGHT TO KNOW:

SARA TITLE III.: SECTION 311/312 CATEGORIZATIONS (40CFR 370)

THIS PRODUCT IS NOT A HAZARDOUS CHEMICAL UNDER 29CFR 1910.1200, AND THEREFORE IS NOT COVERED BY TITLE III. OF SARA.

SARA TITLE III.: SECTION 313 INFORMATION (40CFR 372)

THIS PRODUCT DOES NOT CONTAIN A CHEMICAL WHICH IS LISTED IN SECTION 313 AT OR ABOVE 'de minimis' CONCENTRATIONS.

CERCLA INFORMATION (40CFR 302.4): RELEASES OF THIS MATERIAL TO AIR, LAND, OR WATER ARE NOT REPORTABLE TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) OR TO STATE AND LOCAL EMERGENCY PLANNING COMMITTEES UNDER THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III. SECTION 304.

RCRA INFORMATION & WASTE CLASSIFICATION: WHEN A DECISION IS MADE TO DISCARD THIS MATERIAL, **AS SUPPLIED**, IT DOES NOT MEET RCRA'S CHARACTERISTIC DEFINITION OF IGNITABILITY, CORROSIVITY, OR REACTIVITY, AND IS NOT LISTED IN 40CFR 261.33.

THE TOXICITY CHARACTERISTIC (TC), HOWEVER, HAS NOT BEEN EVALUATED BY THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP).

UNITED STATES: CHEMICAL CONTROL LAW STATUS: ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE INVENTORY LISTING REQUIREMENTS OF THE U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS TRACE LEVELS OF A COMPONENT OR COMPONENTS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:

- ALDEHYDE (55-00-0)

CONEG INFORMATION AND FOOD & DRUG ADMINISTRATION COMPLIANCE: THIS PRODUCT COMPLIES WITH THE APPLICABLE REQUIREMENTS OF THE COALITION OF NORTHEAST GOVERNORS' (CONEG) STANDARDS ON HEAVY METALS, BGA RECOMMENDATION XIV. GUIDELINES AND THE FOLLOWING FOOD & DRUG (FDA) REGULATIONS:

21 CFR 175.105 ADHESIVES

21 CFR 176.180 COMPONENTS OF PAPER & PAPERBOARD IN CONTACT WITH DRY FOOD.

21 CFR 176.170

COMPONENTS OF PAPER & PAPERBOARD IN CONTACT WITH
AQUEOUS AND FATTY FOOD, PROVIDED THE FOOD CONTACT
SURFACE OF THE PAPER BOARD COMPLIES WITH THE
EXTRACTIVES REQUIREMENTS IN 21 CFR 176.170 PARAGRAPH (C).

NFPA HAZARD RATING :

TOXICITY 1
FIRE 0
REACTIVITY 0
SPECIAL -

SCALE :

4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT

SECTION 16: OTHER INFORMATION

ISSUED : 01/02/2015
REVISED : 03/01/2015

THE INFORMATION CONTAINED HEREIN RELATES ONLY TO THE SPECIFIC MATERIAL IDENTIFIED. TEKMAR BELIEVES THAT SUCH INFORMATION IS ACCURATE AND RELIABLE AS OF THE DATE OF THIS MSDS, BUT NO REPRESENTATION, GUARANTEE, OR WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE ACCURACY, RELIABILITY, OR COMPLETENESS OF THE INFORMATION, TEKMAR URGES PERSONS RECEIVING THIS INFORMATION TO MAKE THEIR OWN DETERMINATION AS TO THE INFORMATION'S SUITABILITY AND COMPLETENESS FOR THEIR PARTICULAR APPLICATION.