

MATERIAL SAFETY DATA SHEET  
MAY BE USED TO COMPLY WITH  
OSHA'S HAZARD COMMUNICATION STANDARD  
29 CFR 1910.1200. STANDARD MUST BE  
CONSULTED FOR SPECIFIC REQUIREMENTS.

U.S. DEPARTMENT OF LABOR  
OSHA  
(NON-MANDATORY FORM)  
FORM APPROVED  
OMB NO. 1218-0072

IDENTITY (AS USED ON LABEL AND LIST) POLYTOX (TM)  
RAPID BIOLOGICAL TOXICITY TEST

SECTION I

MANUFACTURER'S NAME EMERGENCY TELEPHONE NUMBER  
POLYBAC CORPORATION (215) 264-8740

ADDRESS (NUMBER, STREET, CITY, STATE, ZIP) TELEPHONE NUMBER FOR INFORMATION  
954 MARCON BLVD. (215) 264-8740

ALLENTOWN, PA 18103 DATE PREPARED  
10/18/89

SIGNATURE OF PREPARER (OPTIONAL)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
NON-HAZARDOUS.				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT N/A	SPECIFIC GRAVITY (H2O = 1) 0.5-0.7
VAPOR PRESSURE (MM HG) N/A	MELTING POINT N/A
VAPOR DENSITY (AIR = 1) N/A	EVAPORATION RATE (BUTYL ACETATE = 1) N/A
SOLUBILITY IN WATER N/A	
APPEARANCE AND ODOR GRANULAR POWDER; BUFF TO BROWN COLOR, MUSTY ODOR.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
N/A	N/A		

EXTINGUISHING MEDIA  
FOAM, CO2, DRY CHEMICAL, WATER

SPECIAL FIRE FIGHTING PROCEDURES  
N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS  
N/A

SECTION V - REACTIVITY DATA

STABILITY UNSTABLE CONDITIONS TO AVOID

STABLE (XX) AVOID EXPOSURE TO MOISTURE. DO NOT WET.

STORE AT 18 DEGREES C - 105 DEGREES C.

INCOMPATIBILITIES (MATERIALS TO AVOID)  
WATER

HAZARDOUS DECOMPOSITION OF PRODUCTS  
N/A

HAZARDOUS POLYMERIZATION MAY OCCUR CONDITIONS TO AVOID  
WILL NOT OCCUR (XX)

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY INHALATION? SKIN? INGESTION?  
DUST AVOID DIRECT SKIN CONTACT. DO NOT INGEST.

HEALTH HAZARDS (ACUTE AND CHRONIC)  
INHALATION - AVOID, MOVE SUBJECT TO FRESH AIR. SKIN - WASH THOROUGHLY WITH  
SOAP AND WATER, REMOVE AND WASH CLOTHES. INGESTION - AVOID. CALL PHYSICIAN,  
OBSERVE FOR 48 HOURS FOR DEVELOPMENT OF ALLERGIC SYMPTOMS.

CARCINOGENICITY NTP? IARC MONOGRAPHS? OSHA REGULATED?  
N/A N/A N/A N/A

SIGNS AND SYMPTOMS OF EXPOSURE  
IRRITATION TO THE EYES AND RESPIRATORY TRACT.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE  
RESPIRATORY ALLERGY (HAY FEVER, ASTHMA) IN SOME PEOPLE. INDIVIDUALS HYPER-  
ALLERGIC TO ENZYMES OR OTHER RELATED PROTEINS SHOULD NOT HANDLE.

EMERGENCY AND FIRST AID PROCEDURES  
WASH HANDS WITH SOAP AND WATER. CONTACT PHYSICIAN IMMEDIATELY IF ALLERGIC  
SYMPTOMS OCCUR IN 0-12 HOURS.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
SWEEP UP/COLLECT; AVOID DIRECT SKIN CONTACT, INHALATION AND/OR INGESTION  
OF DUST.

WASTE DISPOSAL METHOD  
NO SPECIAL DISPOSAL METHOD. STANDARD LANDFILL DISPOSAL ACCORDING TO LOCAL,  
STATE AND FEDERAL REGULATIONS. MAY BE SEWERED; COMPATIBLE WITH ALL BIOLOGICAL  
TREATMENT METHODS.

