MATERIAL SAFETY DATA SHEET

PRODUCT: SUPER SEAL TAPE

MANUFACTURER: POLYTUFF SYSTEMS INTERNATIONAL
PO BOX 6254
BENSALEM, PA

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PRODUCT IDENTIFICATION

SUPER SEAL TAPE POLYESTER FILAMENT IS A FAMILY OF INDUSTRIAL YARNS HAVING SIMILAR HEALTH AND PHYSICAL PROPERTY CHARACTERISTICS. THESE PRODUCTS ARE MADE FROM POLYETHYLENE GLYCOL TEREPHTHALATE POLYMER (CAS# 5036-59-9) AND ONE OR MORE SURFACE FINISHES APPLIED AT <1.5-% TOTAL WEIGHT OF FIBER.

CHEMICAL AND PHYSICAL STABILITY IS VERY HIGH WITH WIDE RESISTANCE TO A WIDE RANGE OF CHEMICALS.

HAZARDOUS INGREDIENTS

THESE PRODUCTS ARE NOT CONSIDERED HAZARDOUS BY THE CRITERIA OF THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

THE POLYMER IMMOBILIZES ARE THE CONTITUENTS OF THE POLYMER SYSTEM (DELISTRANTS, CATALYST, RESIDUES, ETC.) WHICH THEREFORE PRESENTS NO LIKELIHOOD OF EXPOSURE UNDER NORMAL CONDITIONS OF PROCESSING AND HANDLING.

HOWEVER, EXPOSURE TO CHEMICAL SUBSTANCES MAY OCCUR AS A RESULT OF PROCESSING THESE YARNS. PROCESSING MAY RELEASE AND AEROSOLIZE THE RESIDUAL MOISTURE AND SURFACE FINISHES. HEATING THE FIBERS MAY VOLATIZE THE FINISHES OR PRODUCE A CHEMICAL CHANGE UNDER EXTREME AND DIRECT HEAT.

THIS PRODUCT IS APPROVED FOR THE USE IN INDIRECT FOOD CONTACT APPLICATIONS IN ACCORDANCE WITH THE CODE OF FEDEREAL REGULATION 21 CFR 175.105 AS STATED “ADHESIVES MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR THE USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD.”

PHYSICAL-CHEMICAL DATA

POLYESTER FILAMENT YARNS WILL BURN IF EXPOSED TO FLAME. DECOMPOSITION PRODUCTS SUBJECT TO AUTO IGNITION MAY BE GENERATED FROM MOLTEN POLYMER. COMBUSTION PRODUCTS WILL BE COMPRISED OF CARBON, HYDROGEN AND OXYGEN. THE EXACT COMPOSITION WILL DEPEND ON THE CONDITIONS OF COMBUSTION.

HEALTH HAZARD DATA

RESULTS FROM TOXICITY STUDIES SUGGEST THAT THESE YARNS WOULD POSE NO SIGNIFICANT HEALTH PROBLEMS UNDER NORMAL CONDITIONS OF HANDLING AND USE.

CONTROL MEASURE

NORMAL VENTILATION IS RECOMMENDED TO MINIMIZE EXPOSURE TO FINISH MISTS.

FIRE FIGHTERS SHOULD PROTECT THEMSELVES FROM DECOMPOSITION AND COMBUSTION PRODUCT: THAT MAY INCLUDE CARBON MONOXIDE.

SAFE, HANDLING PROCEDURES

CUSTOMARY PERSONAL HYGIENE MEASURES, SUCH AS WASING HANDS AFTER WORKING WITH SUCH FIBERS, ARE RECOMMENDED:

DISPOSAL AND SHIPPING INFORMATION

THESE PRODUCTS ARE NOT CLASSIFIED AS HAZARDOUS WASTES UNDER THE RESOUCE CONSERVATION AND RECOVERY ACT AND CAN BE DISPOSED OF IN A MUNICIPAL LANDFILL OR INCINERATED. ANY FINISH OILS CONTAINED IN THE PLANT WASTEWATER SHOULD BE BIODEGRADABLE IN CONVENTIONAL BIOLOGICAL WASTEWATER TREATMENT SYSTEMS.