



Modified Plastics, Inc.
1240 E. Glenwood Pl.
Santa Ana, CA, 92707
U.S.A.
(714) 546-4667



PRODUCT: DELRIN 500P NAT

CODE: 10421

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER..... DELRIN 500P NAT
 MATERIAL USE..... ALL PLASTIC APPLICATIONS.
 PRODUCT USE..... INJECTION MOLDED PLASTIC PARTS AND SHAPES.
 CHEMICAL FAMILY..... THERMOPLASTIC RESIN. .
 MANUFACTURER..... Modified Plastics, inc.
 1240 E. Glenwood Pl.
 Santa Ana CA., 92707
 USA
 24 HOUR EMERGENCY NUMBER:..... Dial 911 .
 ITEM CODE..... 10421

SECTION 02: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION..... NOT HAZARDOUS (HMIS: 0).
 SIGNAL WORD..... NOT APPLICABLE.
 HAZARD STATEMENT..... NOT APPLICABLE.
 PRECAUTIONARY STATEMENT..... NONE.
 OTHER HAZARDS..... NONE.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
DELRIN 500P NAT	TRADE SECRET	N/A

SECTION 04: FIRST AID MEASURES

INHALATION..... IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GET MEDICAL ATTENTION IMMEDIATELY.
 SKIN CONTACT..... IF IRRITATION OCCURS WASH IMMEDIATELY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. OBTAIN MEDICAL ATTENTION IMMEDIATELY IF NECESSARY.
 EYE CONTACT..... FOREIGN BODY: FLUSH WITH WATER IF IRRITATION CONTINUES GET MEDICAL ATTENTION. MOLTEN MATERIAL: GET MEDICAL ATTENTION IMMEDIATELY.
 INGESTION..... NOT LIKELY TO OCCUR.
 ADDITIONAL INFORMATION/SPECIAL TREATMENT..... NOT APPLICABLE.

SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... NOT AVAILABLE.
 EXTINGUISHING MEDIA..... DRY POWDER. FOAM. WATER SPRAY.
 SPECIAL FIRE FIGHTING PROCEDURES..... KEEP AWAY FROM HEAT, SPARKS AND FLAME. FIREFIGHTER SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... ALLOW MOLTEN MATERIAL TO SOLIDIFY BEFORE CLEANING. SWEEP. PICK UP SOLIDS AND PUT IN A DUST BIN.

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SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES..... ALL EQUIPMENT HANDLING THE PRODUCT, WHERE THERE IS A RISK OF DECOMPOSITION, SHOULD BE PROVIDED WITH ADEQUATE UNRESTRICTED VENTING AREA TO ENSURE THAT INTERNAL PRESSURE CANNOT BUILD UP.

STORAGE NEEDS..... STORE IN A COOL AREA.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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DELIN 500P NAT N/A

PROTECTIVE EQUIPMENT:

EYE/TYPE..... SAFETY GLASSES OR GOGGLES.

RESPIRATORY/TYPE..... NOT GENERALLY REQUIRED; IF DESIRED, USE A MSHA/NIOSH APPROVED RESPIRATOR.

GLOVES/ TYPE..... LEATHER WORK GLOVES.

CLOTHING/TYPE..... WEAR ADEQUATE PROTECTIVE CLOTHES.

FOOTWEAR/TYPE..... SAFETY SHOES.

OTHER/TYPE..... NOT APPLICABLE.

VENTILATION REQUIREMENTS..... ADEQUATE VENTILATION TO AVOID CHRONIC INHALATION OF DUST.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... PELLETS.

ODOR..... SLIGHT FORMALDEHYDE.

MELTING POINT (deg C)..... 175-190.

BOILING POINT (deg C)..... NOT AVAILABLE.

FLASH POINT (deg C), METHOD..... NOT APPLICABLE.

FLAMMABILITY (SOLIDS,GAS)..... NOT AVAILABLE.

SOLUBILITY IN WATER (% W/W)..... INSOLUBLE IN WATER.

DECOMPOSITION TEMPERATURE..... NOT AVAILABLE.

VISCOSITY..... NOT AVAILABLE.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY CONDITIONS..... AVOID HEAT, SPARKS AND FLAME. AVOID HEATING ABOVE 210 DUE TO FORMALDEHYDE.

STABILITY..... THIS IS A STABLE MATERIAL.

HAZARDOUS POLYMERIZATION..... HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

INCOMPATIBILITY..... STRONG ACIDS. BASES. AND. AT MELT TEMPERATAURES, ACETALS ARE INCOMPATIBLE WITH HALOGENATED POLYMERS SUCH AS PVC AND PVDC AND ANY ELASTOMERS CONTAINING HALOGENATED POLYMERS. EVEN SUCH SMALL AMOUNTS OF SU CONTAMINANTS CAN CAUSE SUDDEN AND SPONTANEOUS FORMALDEHYDE GAS FORMATION. WORKPLACE FUME CONCENTRATIONS WELL ABOVE THRESHOLD LEVELS ARE A LIKELY RESULT. UNSAFE PRESSURIZATION OF EQUIPMENT, E.G., EXTRUDERS, MOLDS, CAN ALSO RESULT. OXIDIZING AGENTS.

HAZARDOUS PRODUCTS OF FORMALDEHYDE.

DECOMPOSITION

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
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ROUTES OF EXPOSURE..... EYE CONTACT. INGESTION. INHALATION. SKIN CONTACT.

SKIN CONTACT..... AT HIGH TEMPERATURES MOLTEN PLASTICS MAY CAUSE THERMAL BURNS.

EYE CONTACT..... AT NORMAL TEMPERATURE IT MAY CAUSE IRRITATION AND DAMAGE TO THE EYE. AT HIGH TEMPERATURES MOLTEN PLASTIC MAY CAUSE SEVERE DAMAGE TO THE EYE AND THERMAL BURNS.

INGESTION..... NOT A LIKELY ROUTE OF ENTRY.

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SECTION 11: TOXICOLOGICAL INFORMATION

INHALATION (ACUTE)..... AVOID BREATHING FUMES.
INHALATION (CHRONIC)..... SEE EFFECTS OF CHRONIC EXPOSURE.
IRRITANCY OF MATERIAL..... NOT AVAILABLE.
EFFECTS OF ACUTE EXPOSURE..... MAY CAUSE IRRITATION TO THE EYES AND TO THE RESPIRATORY TRACT.
EFFECTS OF CHRONIC EXPOSURE..... BY ITSELF THERE ARE HAZARDS BY OVER HEATED ACETAL RELEASES
FORMALDEHYDE. FORMALDEHYDE CAN CAUSE IRRITATION TO THE UPPER
RESPIRATORY TRACT AND CAN EFFECT THOSE WHO ARE SENSITIVE.
FORMALDEHYDE HAS BEEN CLASSIFIED AS A CARCINOGEN AFTER CHRONIC
OVEREXPOSURE. .
SENSITIZING CAPABILITY OF MATERIAL NOT AVAILABLE.
CARCINOGENICITY OF MATERIAL..... SEE SECTION 15 PROP. 65.
TERATOGENICITY..... NOT AVAILABLE.
MUTAGENICITY..... NOT AVAILABLE.
REPRODUCTIVE EFFECTS..... SEE SECTION 15 PROP. 65.
SYNERGISTIC MATERIALS..... NOT AVAILABLE.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL..... DO NOT ALLOW TO ENTER WATERS, WASTEWATER OR SOIL. FORMALDEHYDE:.
PERSISTENCE AND BIODEGRADABILITY0%.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... CONSULT WITH APPROPRIATE REGULATORY AUTHORITIES.

SECTION 14: TRANSPORT INFORMATION

D.O.T..... NOT REGULATED.

SECTION 15: REGULATORY INFORMATION

CALIFORNIA PROP 65..... THIS MATERIAL CONTAINS ELEMENTS KNOWN TO THE STATE OF CALIFORNIA
THAT MAY CAUSE CANCER OR REPRODUCTIVE HARM. FORMALDEHYDE 50-00-0.
DEHP/PHTHALATES..... DI(2-ETHYLHEXYL PHTHALATE) DEHP CAS#117-81-7 IS NOT PRESENT.
LEAD FREE..... THE COMPONENTS USED TO PRODUCE THIS MATERIAL ARE NOT EXPECTED TO
CONTAIN LEAD(Pb) NOR IS LEAD INTENTIONALLY EMPLOYED IN ITS
MANUFACTURE.
BISPHENOL A (BPA)..... IN REGARDS TO BPA(BISPHENOL A), CAS# 80-05-7 IS NOT PRESENT.

SECTION 16: OTHER INFORMATION

Disclaimer:..... The information herein is given in good faith, but no warranty, expressed or implied is
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REVISION DATE N/C.
TELEPHONE NUMBER..... 714-434-1033.
PREPARED BY: Regulatory Affairs
PREPARATION DATE..... AUG 31/2018