



# Payal Polyplast Pvt. Ltd.

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ISO 9001:2001 & ISO 14001:2004



Certified Company

## SECTION I. MATERIAL IDENTIFICATION & USE

MATERIAL NAME	Di-OCTYL PHTHALATE
MANUFACTURER'S NAME & ADDRESS	PAYAL POLYMERS PVT LTD PLOT NO-87,88,102 & 103, PANCHAL UDYOG NAGAR BHIMPORE, DAMAN- 396210
SUPPLIER'S NAME & ADDRESS	PAYAL POLYMERS PVT LTD PLOT NO-87,88,102 & 103, PANCHAL UDYOG NAGAR BHIMPORE, DAMAN- 396210
CHEMICAL NAME: DI-OCTYL PHTHALATE	CHEMICAL IDENTITY- $C_6H_4[COOHCH_2CH(C_2H_5)C_4H_8]_2$
TRADE NAME: DOP & SYNONYMS: DI (2-ETHYL HEXYL PHTHALATE)	MOLECULAR WEIGHT-390 PRODUCT USE PLASTICIZER FOR RESINS & ELASTOMERS

## SECTION II. HAZARDOUS INGREDIENTS OF MATERIAL

NAME	% CONC	CAS NO	UN NO	LD 50	LC 50
DI-OCTYL PHTHALATE		99 117-81-7	DNA	DNA	DNA

## SECTION III. PHYSICAL DATA FOR MATERIAL

STATE	LIQUID	APPEARANCE	LIGHT YELLOW
ODOUR	ODOUR LESS	SPECIFIC GRAVITY	0.980
ODOUR THRESHOLD	NOT APPLICABLE	VAPOUR PRESSURE	1.32 mm Hg AT 20° C
BOILING POINT	386	VAPOUR DENSITY	21
MELT, FREEZING POINT	-46° C	EVAPORATIONAL RATE	NOT PERTINENT
p <sup>H</sup>	7	SOLUBILITY IN WATER	INSOLUBLE
COEFFICIENT OF WATER/OIL DISTRIBUTION	0	BULK DENSITY	NOT PERTINENT

## SECTION IV. FIRE AND EXPLOSION HAZARD

FLAMMABILITY	IF PRE HEATED	SPECIAL PROCEDURE	USE FOAM
MEANS TO EXTINGUISH	FOAM	LOWER EXPLOSIVE LIMIT	DNA
FLASH POINT(by method)	NOT PERTINENT	UPPER EXPLOSIVE LIMIT	DNA
AUTO IGNITION TEMP	NOT PERTINENT	NFPA CLASSIFICATION	DNA
HAZARDOUS COMBUSTION		TDG CLASSIFICATION	CLASS 9
PRODUCT	SMOKE	SENSITIVITY TO STATIC	
MECHANICAL IMPACT		DISCHARGE	NOT KNOWN
SENSITIVITY	NIL		

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**SECTION V. REACTIVITY DATA**

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CHEMICAL STABILITY	NORMALLY STABLE
INCOMPATIBLE SUBSTANCE	OXIDIZING AGENT
REACTIVITY CONDITION	AT BOILING POINT
HAZARDOUS DECOMPOSITION PRODUCT	SMOKE

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**SECTION VI. TOXICOLOGICAL PROBLEMS**

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SKIN CONTACT	IRRITATION DERMATITIS
SKIN ABSORPTION	NIL
EYE CONTACT	IRRITATION
INHALATION	UNPLEASANT
INGESTION	SLIGHTLY HAZARDOUS
IRRITANCY	SLIGHT SENSATION TO VUNERABLE SKIN
SENSITISATION TO MATERIAL	CARCINOGENIC EFFECT
SYNERGESTIC MATERIAL	SOLVENT

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**SECTION VII. PREVENTIVE MEASURES**

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PROTECTIVE EQUIPMENTS	HAND GLOVES
ENGINEERING CONTROL	CHARGING MECHANICALLY
LEAK OR SPILL PROCEDURE	ABSORB ON DRY SAND
WASTE CONTROL PROCEDURE	SAND OR EARTHEN BOUNDS
HANDLING & STORAGE	STORE IN LEAK PROOF CONTAINER AND TRANSFER THROUGH PIPELINE
SPECIAL SHIPPING INFORMATION	FLOATS ON WATER & VISCOSITY AT ROOM TEMPT 81.4 CENTI POISE AT 20° C

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**SECTION VIII. FIRST AID MEASURE**

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1. INHALATION: Remove from exposure immediately. Use a bag valve mask to perform artificial respiration (rescue breathing) if needed, get medical attention.
2. SKIN CONTACT: Remove contaminated clothing, jewelry and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes.)
3. EYE CONTACT: Wash eyes immediately with large amount of water or normal saline.
4. INHALATION : If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention, if needed.