



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 ADIPATE
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 ADIPATE
	CHEMICAL IDENTITY- C ₂₂ H ₄₂ O ₄
TRADE NAME:	DOA
& SYNONYMS:	DI-2-ETHYLHEXYL ADIPATE
	MOLECULAR WEIGHT-370.5 PRODUCT USE PLASTICIZER FOR RESINS & ELASTOMERS

SECTION II. HAZARDOUS INGREDIENTS OF MATERIAL

NAME	% CONC	CAS NO	UN NO	LD 50	LC 50
DI-OCTYL ADIPATE	99	103-23-1	DNA	DNA	DNA

SECTION III. PHYSICAL DATA FOR MATERIAL

STATE	LIQUID	APPEARANCE	OFF WHITE
ODOUR	NO ODOUR	SPECIFIC GRAVITY	1.090
ODOUR THRESHOLD	NOT APPLICABLE	VAPOUR PRESSURE	NIL
BOILING POINT	417° C	VAPOUR DENSITY	12.8 (AIR=1)
MELT, FREEZING POINT	-76° C	EVAPORATIONAL RATE	NEGLIGIBLE
p ^H	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,WATER SPRAY,CO ₂	LOWER EXPLOSIVE LIMIT	DNA
FLASH POINT(by method)	82° C	UPPER EXPLOSIVE LIMIT	DNA
AUTO IGNITION TEMP	377° C	NFPA CLASSIFICATION	DNA
HAZARDIOUS COMBUSTION		TDG CLASSIFICATION	CLASS 9
PRODUCT	SMOKE	SENSITIVITY TO STATIC	
MECHANICAL IMPACT		DISCHARGE	NOT KNOWN
SENSITIVITY	NIL		

SECTION V. REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBLE SUBSTANCE	OXIDIZING AGENT
REACTIVITY CONDITION	AT BOILING POINT
HAZARDOUS DECOMPOSITION PRODUCT	OXIDE OF CARBON WHEN BURNED.

SECTION VI. TOXICOLOGICAL PROBLEMS

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

SECTION VII. PREVENTIVE MEASURES

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

SECTION VIII. FIRST AID MEASURE

REMOVE CONTAMINATED CLOTHING, WIPE OF AFFECTED SKIN AND WASH WITH SOAP AND WATER.