

TURCO PRODUCTS, INC. -- TURCO FLURO-CHEK PENETRANT P41H -- 6850-01-263-8231  
===== Product Identification =====

Product ID:TURCO FLURO-CHEK PENETRANT P41H

MSDS Date:11/22/1985

FSC:6850

NIIN:01-263-8231

MSDS Number: BJKSD

=== Responsible Party ===

Company Name:TURCO PRODUCTS, INC.

Address:7300 BOLSA AVENUE

City:WESTMINISTER

State:CA

ZIP:92684-3600

Country:US

Info Phone Num:714-890-3600

Emergency Pho

ne Num:614-387-6200

CAGE:0BYN5

=== Contractor Identification ===

Company Name:TURCO PRODUCTS, INC.

Address:7300 BOLSA AVE

Box:6200

City:WESTMINSTER

State:CA

ZIP:92684-3600

Country:US

Phone:614-387-6200

CAGE:0BYN5

Company Name:TURCO PUREX INDUSTRIES SUB OF PENNWALT CORP

Address:7300 BOLSA AVENUE

Box:City:WESTMINISTER

State:CA

ZIP:92683-5211

Country:US

Phone:614-387-6200

CAGE:1JD46

===== Composition/Information on Ingredients =====

Ingred Name:DI-SEC-OCTYL PHTHALATE (DI-2-ETHYL

HEXYL-PHTHALATE) (SARA  
III)

CAS:117-81-7

RTECS #:TI0350000

Fraction by Wt: 55%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3/10 STEL

ACGIH TLV:5 MG/M3; 9192

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:AROMATIC PETROLEUM SOLVENT/PETROLEUM DISTILLATES

CAS:8002-05-9

RTECS #:SE7449000

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1600 MG/M3

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Rep

orts of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Explanation of Carcinogenicity:DI(2-ETHYLHEXYL) PHTHALATE 55% IS LISTED

BY NTP AND IARC BUT NOT REGULATED BY OSHA.

Effects of Overexposure:EYES:MODERATE TO SEVERE

IRRITATION.SKIN:MODERATE TO SEVERE IRRITATION, DRYNESS,

DEFATTING.MAY BE ABSORBED IN TOXIC AMOUNTS.INHALATION:MODERATE TO

SEVERE RESPIRATORY TRACT IRRITATION,DIZZINESS,HEADACHE

.INGESTION:SEVERE GASTROINTESTINAL TRACT IRRITATION AND

NAUSEA.OVEREXPOSURE MAY CA

USE LIVER CANCER RISK.

Medical Cond Aggravated by Exposure:AROMATIC HYDROCARBONS MAY CAUSE

KIDNEY AND LIVER DAMAGE. REPEATED OVEREXPOSURE MAY AGGRAVATE ANY

PREEXISTING DYSFUNCTION OF THESE SYSTEMS.

===== First Aid Measures =====

First Aid:EYE:FLUSH W/WATER 15 MIN.IF IRRITATION PERSISTS,SEE A

DOCTOR.SKIN:FLUSH WITH COOL WATER.WASH WITH SOAP & WATER.IF

IRRITATION PERSISTS,SEEK MEDICAL CARE.INHALED:REMOVE TO FRESH

AIR.GIVE CPR/OXYGEN IF N

NECESSARY. CALL A PHYSICIAN. INGESTED: DON'T  
INDUCE VOMITING. GIVE LARGE AMOUNTS OF MILK OR WATER AND GET  
IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF  
VOMITING OCCURS, KEEP HEAD BELOW HIP.

===== Fire Fighting Measures =====

Flash Point Method: PMCC

Flash Point: >200F, >93C

Extinguishing Media: CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER

SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: NONE

===== Accidental Release Measures =====

Spill Release Procedures: CONTAIN SPILLAGE. STOP LEAK AT SOURCE IF THIS  
CAN BE DONE SAFELY. VENTILATE AREA. EVACUATE NONESSENTIAL  
PERSONNEL. PUMP LIQUID INTO DOT-APPROVED DRUMS FOR DISPOSAL. ABSORB  
REMAINING LIQUID INTO INERT ABSORBENT. WASH AREA (WATER) & COLLECT  
WASHING

Neutralizing Agent: NONE

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===== Handling and Storage =====

Handling and Storage Precautions: STORE IN A DRY AREA AWAY FROM STRONG  
OXIDIZING AGENTS & ACIDS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN  
USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions: RINSE WATER MAY BE TREATED BY NEUTRALIZING, ALLOWING  
TO STAND AND SKIMMING OFF SEPARATED SOLVENT AND SOIL. RESIDUAL  
ORGANIC MATTER MAY BE REMOVED BY OXIDATION AND/OR CARBON  
TREATMENT. KEEP CONCENTRATE & WASH WATER  
FROM ENTERING  
SEWER/WATERWAYS

===== Exposure Controls/Personal Protection =====

Respiratory Protection: USE NIOSH-APPROVED SELF-CONTAINED BREATHING  
APPARATUS WITH A FULL FACE PIECE AND BE OPERATED IN A POSITIVE  
PRESSURE MODE. IN AREAS OF GOOD VENTILATION, A FULL FACE MASK WITH AN  
ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE USED.

Ventilation: MAINTAIN SUFFICIENT MECHANICAL VENTILATION TO KEEP  
CONCENTRATION BELOW TLV.

Protective Gloves: NEOPRENE, NITRILE, VPC OR

NATURAL RUBBER

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH HANDS & FACE BEFORE EATING.IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE USE.DON'T LAUNDER AT HOME.

Supplemental Safety and Health

DISCARD CONTAMINATED SHOES.TO REPAIR CONTAMINATED EQUIPMENTS,RELIEVE PRESSURE.COVER OPENINGS TO AVOID SPURTING.CLEAN EXTERIOR AND INTE

RIOR BY FLUSHING WITH SOLVENT.COLLECT FLUSHINGS FOR

DISPOSAL.USE A PPROPRIATE PROTECTIVE EQUIPMENT.THE SETCONSISTS OF ONE 5 GALLON CAN OF PENETRANT & ONE 5 GALLON CAN OF EMULSIFIER.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:>250F,>121C

Vapor Pres:1

Spec Gravity:0.98

Evaporation Rate & Reference: