

TRUFLEX RUBBER PRODUCTS CO -- CHEMICAL VULCANIZING FLUID,21 -- 2640-00-242-3467

===== Product Identification =====

Product ID:CHEMICAL VULCANIZING FLUID,21

MSDS Date:01/13/1992

FSC:2640

NIIN:00-242-3467

MSDS Number: BHXMK

=== Responsible Party ===

Company Name:TRUFLEX RUBBER PRODUCTS CO

Address:1667 N MAIN ST TERMINAL ANNEX

City:LOS ANGELES

State:CA

ZIP:90012

Country:US

Info Phone Num:213-224-630

0

Emergency Phone Num:213-224-6300

Preparer's Name:EBERHARD MEYER

CAGE:28954

=== Contractor Identification ===

Company Name:TRUFLEX/PANG RUBBER PRODUCTS CO

Address:1667 N MAIN ST

Box:City:LOS ANGELES

State:CA

ZIP:90012

Country:US

Phone:213-224-6300

CAGE:28954

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

Ingred Name:TRICHLOROETHYLENE (SARA III)

CAS:79-01-6

RTECS #:KX4550000

Fraction by Wt: 90 - 97%

Other REC Limits:200 PPM (STEL)

OSHA PEL:100 PPM/100 STEL

ACGIH TLV:50 P

PM/100,A5STEL;93
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:NATURAL RUBBER AND ACCELERATORS
Fraction by Wt: 3 - 6%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV IS 50 PPM.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:AFFECTS CENTRAL NERVOUS SYSTEM.

PROLONGED EXPOSURE MAY RESULT IN LIVER AND KIDNEY DAMAGE.

Ex

planation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES:PAIN,IRRITATION.

SKIN:IRRITATION,DERMATITIS.

INHALATION:IRRITATION,DIZZINESS,NAUSEA,LIGHTHEADEDNESS,HEADACHE,LOS
S OF EQUILIBRIUM,UNCONSCIOUSNESS AND EVEN DEATH. INGESTION:LOW
ACCUTE TOXICITY.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF

RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR.GIVE OXYGEN/CPR IF
NEEDED. EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET
IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER.REMOVE
CONTAMINATED C LOTHING. INGESTION: DO NOT INDUCE VOMITING.IF
CONSCIOUS, DRINK LARGE QUANTITIES OF WATER. GET IMMEDIATE MEDICAL
ATTENTION.

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

Flash Point:NONE

Lo

wer Limits:12.5

Upper Limits:90

Extinguishing Media:WATER, DRY CHEMICAL OR CARBON DIOXIDE

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CONCENTRATED VAPORS CAN BE IGNITED WITH A
HIGH ENERGY SPARK, FLAME OR OTHER HIGH INTENSITY HEAT SOURCE. MAY
FORM HYDROGEN CHLORIDE AND TRACES OF PHOSGENE.

===== Accidental Release

Measures =====

Spill Release Procedures:WIPE OR SOAK UP SMALL SPILLS WITH PAPER TOWEL
OR INERT ABSORBENT. PLACE IN DISPOSAL CONTAINER. FLUSH AREA WITH
WATER.

Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT AND IGNITION SOURCES. KEEP
CONTAINERS CLOSED.

Other Precautions:ALUMINUM IS NO
T AN ACCEPTABLE MATERIAL FOR TANKS,
FITTINGS, MIXERS OR PUMPS. AVOID BREATHING VAPORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED
RESPIRATOR WITH ORGANIC VAPORS CARTRIDGE FOR EMERGENCIES.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST
MAY BE REQUIRED IF WORK AREA IS NOT VENTED.

Protective Gloves:NEOPRENE OR VITON.

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Prot

ective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT
AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED
CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A UNDER THE SAME
NSN.

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

HCC:T4

Boiling Pt:B.P. Text:188F,87C

Melt/Freeze Pt:M.P/F.P Te

xt:-86F,-66C
Vapor Pres:135 @ 77F
Vapor Density:4.54
Spec Gravity:1.465
Evaporation Rate & Reference:0.28 (ETHYL ETHER = 1)
Solubility in Water:0.11%
Appearance and Odor:MILKY LIQUID WITH ETHER-LIKE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
CAUSTIC SODA, CAUSTIC POTASH, OXIDIZING MATERIALS. (SHOCK SENSITIVE
EXPLOSIVES MAY BE FORMED).
Stability Condition to Avoid:HOT GLOWING SURFACES, OPEN FLAMES OR
ELECTRIC
ARCS
Hazardous Decomposition Products:HYDROGEN CHLORIDE, TRACES OF PHOSGENE.

===== Disposal Considerations =====

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND
LOCAL LAWS AND REGULATIONS.

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