

TRUFLEX RUBBER PRODUCTS CO -- CHEMICAL VULCANIZING CODE 21,PART B --  
2640-00-052-6724

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

Product ID:CHEMICAL VULCANIZING CODE 21,PART B

MSDS Date:11/22/1985

FSC:2640

NIIN:00-052-6724

Kit Part:Y

MSDS Number: BCWDS

=== Responsible Party ===

Company Name:TRUFLEX RUBBER PRODUCTS CO

Address:1667 N MAIN ST TERMINAL ANNEX

Box:2978

City:LOS ANGELES

State:CA

ZIP:90051

Coun

try:US

Info Phone Num:213-224-6300

Emergency Phone Num:213-224-6300

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:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 90-97%

Other REC Limits:NONE SPECIFIED

OSHA PEL:350 PPM/

450 STEL  
ACGIH TLV:350 PPM/450STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name:NATURAL RUBBER, TACKIFIERS AND ACCELERATORS  
Fraction by Wt: 3-8%  
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE HAZARDS-EYE CONTACT:IRRITATION.  
SKIN:IRRITATION,DERMATITI  
S. INHALATION:IRRITATION,CENTRAL NERVOUS  
SYSTEM EFFECTS,UNCONSCIOUSNESS,EVEN DEATH. INGESTION:LOW ACUTE  
TOXICITY. CHRONIC HAZARDS:LIVER A ND KIDNEY DAMAGE.  
Explanation of Carcinogenicity:MANUFACTURER STATES NO CARCINOGENIC  
INGREDIENTS.  
Effects of Overexposure:EYES:PAIN,IRRITATION. SKIN:IRRITATION.  
INHALATION:IRRITATION,DIZZINESS,NAUSEA,LIGHTHEADEDNESS,HEADACHE,LOS  
S OF EQUILIBRIUM,UNCONSCIOUSNESS,EVEN DEATH. INGESTION:LOW ACUTE  
TOXICITY.  
Medical Cond Aggravated by Exposur  
e:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====  
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First Aid:FIRST AID-EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.  
SKIN:WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING.  
INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE  
DOCTOR. INGEST ION:DO NOT INDUCE VOMITING,IF CONSCIOUS,DRINK LARGE  
QUANTITIES OF WATER.SEE DOCTOR.

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===== Fire Fighting Measures =====  
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Flash Point:N  
ONE  
Lower Limits:7.5  
Upper Limits:15  
Extinguishing Media:WATER FOG  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.  
Unusual Fire/Explosion Hazard:CONCENTRATED VAPORS CAN BE IGNITED WITH A  
HIGH ENERGY SPARK, FLAME OR OTHER HIGH INTENSITY HEAT SOURCE.  
BURNING CAN PRODUCE HCL OR POSSIBLE TRACES OF PHOSGENE.

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===== Accidental Release Measur  
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es =====

Spill Release Procedures:USE APPROPRIATE PROTECTIVE CLOTHING AND EQUIPMENT. ABSORB IN INERT MATERIAL, AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND SEAL. FLUSH AREA WITH SOAP AND WATER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP AWAY FROM FLAMES AND IGNITION SOURCES. ALUMINUM IS NOT ACCEPTABLE MATERIAL FOR TANKS, FITTINGS, ETC.

Other Precautions:VAPORS ARE HEAVIER THAN AIR, AND WILL COLLECT IN LOW AREAS. USE SPECIAL BREATHING APPARATUS AND HAVE OBSRVER PRESENT IF ENTERING SUCH AREAS.

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

Respiratory Protection:USE NIOSH/MSHA-APPROVED ORGANIC VAPOR RESPIRATOR FOR EMERGENCIES.

Ventilation:LOCAL EXHAUST PREFERRED,MECHANICAL EXHAUST ACEPTABLE.

Protective Gloves:NEOPRENE OR VITON.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO PR EVENT

PROLONGED/REPEATED CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY1:T4. THIS NSN REPRESENTS A KIT WHICH CONSISTS OF 5 PARTS. EACH PART HAS ALSO ITS OWN SEPARATE NSN'S (3 PARTS-PATCHES, 2 PARTS-HAZARDOUS MATERIALS). --ANAESTHETIC EFFECTS MAY BE SEEN IN THE RANGE O F 500-1000 PPM. OVER 1000 PPM MAY CAUSEDIZZINESS. OVER 10000 PPM CAN CAUSE UN CONSCIOUSNESS AND DEATH--.

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

HCC:T4

Boiling Pt:B.P. Text:165F/74C

Melt/Freeze Pt:M.P/F.P Text:-49F,-45C

Vapor Pres:100

Vapor Density:4.55

Spec Gravity:1.32

Evaporation Rate & Reference:0.35 (ETHYL ETHER = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TAN LIQUID, WITH ETHER LIKE ODOR.

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

Stability Indicator/Materials to Avoid:YES  
CONTAMINATION WITH CA

USTIC SODA, CAUSTIC POTASH OR OXIDIZING MATERIAL  
MAY FORM SHOCK SENSITIVE EXPLOSIVES.

Stability Condition to Avoid:OPEN FLAMES, HOT GLOWING SURFACES OR  
ELECTRIC ARCS.

Hazardous Decomposition Products:MAY EMIT HCL AND/OR PHOSGENE GAS WHEN  
INVOLVED IN BURNING

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.  
MANUFACTURER RECOMENDS DISPOSAL IN A PERMITTED HAZARDOUS WASTE  
MANAGEMENT FACILITY. COM  
PLY WITH ALL APPLICABLE FEDERAL, STATE AND  
LOCAL REGULATIONS.

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