

MET-L-CHEK COMPANY -- VP-30 PENETRANT -- 6850-01-264-8677

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

Product ID:VP-30 PENETRANT

MSDS Date:10/24/1986

FSC:6850

NIIN:01-264-8677

MSDS Number: BGTBB

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID STREET

City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:213-450-1111

Emergency Phone Num:213-450-1111

CAGE:98733

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Contractor Identification ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

Box:00000

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Phone:310-450-1111/FAX 310452-4046

CAGE:98733

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

Ingred Name:SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC

CAS:64742-88-7

OSHA PEL:500PPM

ACGIH TLV:100PPM

Ingred Name:SOLVENT NAPHTHA (PETROLEUM) LIGHT AROMATIC

CAS:64742-95-6

OSHA PEL:500PPM

ACGIH TLV:100PPM

===== Hazards

Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE SLIGHT SKIN
IRRITATION;VAPORS OR OIL MIST MAY CAUSE MILD IRRITATION OF UPPER
RESPIRATORY TRACT,AND CAUSES CNS DEPRESSION.
Effects of Overexposure:EYES/SKIN:LIQUID IS MINIMALLY IRRITATING TO THE
EYES AND SLIGHTLY IRRITATING TO THE SKIN.VAPORS CAUSE EYES
IRRITATION; INHALATION:VAPORS CAUSE IR
RITATION TO NOSE,THROAT AND
RESPIRATORY TRACT,AND CAUSE CNS DEPRESSION;INGESTION:MAY CAUSE
NAUSEA,GIDDINESS OR HEADACHE,AND POSSIBLE VOMITING.
Medical Cond Aggravated by Exposure:PREEXISTING EYE,SKIN AND
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS
PRODUCT.

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

First Aid:EYES/SKIN:FLUSH WITH PLENTY OF RUNNING WATER.REMOVE
VONTAMINATED CLOTHS,AND WASH SKIN WITH SOAP & WATER GET MEDICAL
ASST
IF IRRITATION PERSISTS;INHALATION:REMOVE TO FRESH AIR.PROVIDE
OXYGEN IF BREATHI NG IS DIFFICULT.GIVE ARTIFIICIAL RESPIRATION IF
REQUIRED.GET MED HELP IF NEEDED;INGESTION:DO NOT INDUCE
VOMITNG.NOTHING BY MOUTH IF VICTIM IS UNCONSCIOUS;GET MEDICAL
ASSISTANCE IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:140F/60C
Lower Limits:1.0
Upper Limits:6.0
Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE OR FOAM
;DO
NOT USE DIRECT STREAM OF WATER.
Fire Fighting Procedures:IN CONFINED AREA,DO NOT ENTER WITHOUT A FULL
BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO INTENSE HEAT FROM
FIRE SHOULD BE COOLED WITH WATER SPRAY TO PREVENT VAPOR PRESSURE
BUILDUP WHICH COULD RUPTURE CONTAINER.

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

Spill Release Procedures:ELIM IGNITIO

N SOURCES.WEAR APPROPRIATE
PROTECTIVE CLOTHING & RESPIRATOR.DIKE & TRANSFER LIQ TO A SALVAGE
TANK.SOAK UP RESIDUE WITH ABSORBENT CLAY,SAND OR OTHR MATL.PLACE
RGAS & ABSORBED WASTE MATERL I N COVERED NON-LEAKING CONTAINERS.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT/IGNITION SOURCES.
STOROR IN DRY,COOL& VENTILATED LOCATION.DO NOT STORE NEAR OXIDIZING
MATERIAL. AVOID PHYSICAL DAMAGE TO CANS.

Other Pr
ecautions:MINIMIZE SKIN CONTACT.KEEP CONTAINERS CLOSED WHEN NOT
IN USE.USE WITH ADEQUATE VENTILATION;AVOID PROLONGED BREATHING OF
VAPORS.

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

Respiratory Protection:IF EXPOSURE EXCEEDS TLV,USE NIOSH APPRVD
RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation:PER MANUFACTURER,PROVIDE LOCAL EXHAUST, OR
MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:GOGGLES

Other Protec

tive Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS.

Work Hygienic Practices:WASH WITH SOAP AND WARER BEFORE EATING,
DRINKING,SMOKING OR USING TOILET FACILITIES,MINIMIZE SKIN CONTACT.

Supplemental Safety and Health

NSN FOR TYPE II,METHOD C OF MIL-I-25135,REVISION "D";PER
QPL-25135-15,THE QUALIFIED PRODUCTS OF MET-L-CHEK ARE VP-30 AND
VP-31A PENETRANTS FOR TYPE II,METHOD C. THIS ENTRY DESCRIBES:VP-30
PENETRANT; M FR MAY SUPPLY EITHER VP-30 OR VP-31A UNDER THIS NSN.

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

HCC:F4

Boiling Pt:B.P. Text:368-415F

Spec Gravity:0.8

Evaporation Rate & Reference: