

MET-L-CHEK COMPANY -- D-70 DEVELOPER -- 6850-01-265-2743

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

Product ID:D-70 DEVELOPER

MSDS Date:10/08/1986

FSC:6850

NIIN:01-265-2743

MSDS Number: BGTBG

=== 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

=== Co

ntractor 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:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:TALC (CONTAINING NO ASBESTOS)

CAS:14807-96-6

RTECS #:WW2710000

OSHA PEL:2 MG/M3 RDUST

ACGIH TLV:2 MG

/M3 RDUST; 9192

Ingred Name:SILICA, CRYSTALLINE - FUSED  
CAS:60676-86-0  
RTECS #:VV7328000  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS  
FORMS) (SARA III)  
CAS:1344-28-1  
RTECS #:BD1200000  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:PER MANUFACTURER,  
MAY CAUSE SLIGHT  
IRRITATION TO SKIN ON CONTACT AND RESPIRATORY TRACT SYSTEM.  
Explanation of Carcinogenicity:CARCINOGENICITY OF THE PRODUCT FOR OSHA  
REQUIREMENTS IS SPECIFIED "YES" BY THE MFR,BUT DID NOT SPECIFIED  
THE COMPONENT.  
Effects of Overexposure:EYES:PRESUMED NON-IRRITATING;SKIN:SLIGHT  
IRRITATION ON LIQUID CONTACT;INHALATION:VAPORS OR OIL MIST MAY  
CAUSE MILD IRRITATION OF UPPER RESPIRATORY TRACT;INGESTION:NOT  
KNOWN TO MANUFACTURER.  
Medical Cond Aggravated by Exposur  
e:PRE-EXISTING SKIN AND RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES:FLUSH WITH WATER.GET MEDICAL HELP IF IRRITATION OCCURS  
OR PERSISTS; SKIN:FLUSH WITH WATER.WASH WITH WATER & SOAP.GET MED  
ATTN FOR PERSISTING IRRITATION; INHALATION:REMOVE TO FRESH  
AIR.PROVIDE OXY GEN IF BREATHING IS DIFFICULT,GET MED ATTN IF  
NEEDED; INGESTION:INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:53F (11.6C)

Lower Limits:2

Upper Limits:12

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:EXPOSED CONTAINERS MAY RUPTURE OR EXPLODE IN HEAT OF FIRE DUE TO BUILDUP IN VAPOR PRESSURE.

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

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

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT/IGNITION

SOURCES.STORE IN DRY,COOL & VENTILATED LOCATION.DO NOT STORE NEAR OXIDIZING MATERIAL.AVOID PHYSICAL DAMAGE TO CANS.

Other Precautions:MINIMIZE SKIN CONTACT.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR IF EXPOSURE EXCEEDS TLV LIMITS.

Ventilation:PER MFR,EXPLOSION PROOF TO MAINTAIN TLV.

Protective Gloves:CHEMICAL RESISTANT.

Eye Protection:GOGGLES.

Other Protective Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE EATING,DRINKING,SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NSN FOR TYPE II,FORM D DEVELOPER OF MIL-I-25135D;QPL-25135-15 SPECIFIED THAT 3 DEVELOPERS ARE QUALIFIED DEVELOPER UNDER TYPE II,FORM D OF MET-L-CHEK COMPANY;THE MFR MAY SUPPLY ONE OF THE FOLLOWING:(1) D-70, (2) D-701, OR (3) D-703 DEVELOPER.THIS ENTRY IS OF D-70 DEVELOPER.THIS PRODUCT IS NOT ALLOWED IN AEROSOL

CANS.

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

HCC:F2

Boiling Pt:=82.2C, 180.F

Vapor Pres:33@68F

Vapor Density:2.1

Spec Gravity:0.8

Evaporation Rate & Reference:1.4(BUTYL ACETATE)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE,MILKY SUSPENSION,MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL.

Stability Condition to Avoid:HEAT & IGNITION SOURCES.

Hazardous Deco

mposition Products:CARBON MONOXIDE & OTHER UNIDENTIFIED  
ORGANIC COMPOUNDS.

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

Waste Disposal Methods:DISPOSE OF AS EPA HAZARDOUS WASTE

#D001,IGNITABLE WASTE.PLACE WASTE MATERIAL IN AN APPROPRIATE  
DISPOSAL FACILITY, OR DISPOSE OF IN COMPLIANCE WITH FEDERAL,STATE &  
LOCAL REGULATIONS.

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