

GRIGGS PAINT -- MIL-L-81352B TY.I #15044 BLUE -- 8010-00-935-7072

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

Product ID:MIL-L-81352B TY.I #15044 BLUE

MSDS Date:01/01/1999

FSC:8010

NIIN:00-935-7072

Status Code:A

MSDS Number: CLRWG

=== Responsible Party ===

Company Name:GRIGGS PAINT

Address:3602 S 16TH PLACE

City:PHOENIX

State:AZ

ZIP:85040

Country:US

Info Phone Num:602-243-3293

Emergency Phone Num:800-424-9

300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:58963

=== Contractor Identification ===

Company Name:GRIGGS PAINT

Address:3602 S 16TH PLACE

Box:City:PHOENIX

State:AZ

ZIP:85040

Country:US

Phone:602-243-3293

CAGE:58963

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

Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

= Wt:7.

OSHA PEL:590 MG/M3;200 PPM

ACGIH TLV:590 MG/M3;200 PPM

ACGIH STEL:885 MG/M3;300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5

000 LBS

Ingred Name:METHYL METHACRYLATE RESIN
= Wt:50.

Ingred Name:DIOCTYL PHTHALATE
CAS:117-81-7
RTECS #:TI0350000
= Wt:4.
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3
ACGIH STEL:10 MG/M3
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:ACETONE
CAS:67-64-1
RTECS #:AL3150000
= Wt:10.
OSHA PEL:2400 MG/M3;1000 PPM
ACGIH TLV:1780 MG/M3;750 PPM
ACGIH STEL:2380 MG/M3;1000 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ALCOHOL
CAS:71-36-3
RTECS #:EO1400000
= Wt:3.
OSHA PEL:300 MG/M3;10
0 PPM
ACGIH STEL:C152 MG/M3;C50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
= Wt:7.
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYLENE GLYCOL MONOBUTYL ETHER
CAS:111-76-2
RTECS #:KJ8575000
= Wt:7.
OSHA PEL:240 MG/M3;50 PPM
ACGIH TLV:121 MG/M3;25 PPM

Ingred Name:METHYL AMYL KETONE
CAS:110-43-0
RTECS #:MJ5075000
= Wt:4.
OSHA PEL:465 MG/M3;100 PPM
ACGIH TLV:233 MG/M3;50 PPM

=====
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:DIRECT CONTACT TO EYES MAY CAUSE IRRITATION. PROLONGED AND/OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION. INHALATION OF HIGH CONCENTRATIONS OF VAPORS MAY LEAD TO LUNG CHANGES, NAUSEA, VOMITING, COUGH , PULMONARY IRRITATION, AND CENTRAL NERVOUS SYSTEM DEPRESSION, INGESTI

ON MAY CAUSE

GASTROINTESTINAL DISTURBANCES. ASPIRATION OF THIS PRODUCT INTO THE LUNGS MAY CAUSE PNEUMONITIS. PULMONARY EDEMA AND H EMORRAGE.

Effects of Overexposure:INHALATION: BREATHING OF HIGH VAPOR

CONCENTRATIONS MAY CAUSE DROWSINESS, DIZZINESS, FATIGUE, FOLLOWED BY COMA. EYE: DIRECT CONTACT AND/OR CONTACT WITH VAPORS MAY CAUSE IRRITATION. SKIN: PROLONGED AND/ OR REPEATED CONTACT MAY CAUSE IRRITATION AND/OR DERMATITIS. MAY BE ABSORBED THROUGH THE SKIN.

SKIN ABSORPT

ION: PROLONGED OR REPEATED EXPOSURE CAN CAUSE MODERATE

IRRITATION, DEFATTING, AND DERMATITIS. INGESTION: ASPIRATION OF THIS PRODUCT INTO THE LUNGS MAY CAUSE PNEUMONTITIS, PULMONARY EDEMA AND HEMORRAGE. INGESTION MAY CAUSE GASTROINTESTINAL DISTURBANCES.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING

DISEASES IN OR HISTORY OF AILMENTS INVOLVING SKIN CENTRAL NERVOUS SYSTEM, LIVER AND KIDNEY.

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

=

First Aid:EYE CONTACT: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, SEEK MEDICAL AID. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. SEEK MEDICAL AID. INGESTION: IMMEDIATELY SEEK MEDICAL AID. DO NOT INDUCE VOMITING. DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:TCC

Flash Point:=-20.C, -4.F

Lower Limits:0.3%

Upper Limits:12.8%

Extinguishing Media:FOAM, CO

2, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:APPROVED GAS MASK REQUIRED FOR FIRE FIGHTING PERSONEL. WATER MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CONTAINERS. IF WATER IS USED, FOG NOZZLES ARE PREFERRED.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release

Spill Release Procedures:STOP LEAK IF NO RISK INVOLVED. REMOVE ALL SOURCES OF IGNITION. STAY UPWIND. ABSORB WITH INERT MATERIAL. FLUSH AREA WITH WATER. VENTILATE AREA FOR AT LEAST 24 HOURS OR UNTIL AREA HAS BEEN DECLARED SAFE .

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED AND UPRIGHT TO PREVENT LEAKAGE. AVOID FLAMES, WELDING, OPEN LIGHTS, ETC. AVOID BREATHING OF VAPORS AND SPRAY MIST. AVOID SKIN AND EYE CONTACT.

Other Precautions:MAINTAIN GOOD PERSONAL HYGIENE. DO NOT USE IN CONFINED AREAS, TANK OR PIT, WITHOUT ADEQUATE VENTILATION.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW TLV (PEL). USE MSHA/NIOSH APPROVED UNITS. USE UNITS PER CURRENT 29 CFR 1910.134 AND FOLLOW MANUFACTURERES' INSTRUCTIONS AND WARNINGS. IF WITHIN OSHA PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNIT

IS OK FOR USE.

Ventilation:LOCAL AND MECHANICAL EXHAUST.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES.

Other Protective Equipment:EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:MAINTAIN GOOD PERSONAL HYGIENE. DO NOT USE IN CONFINED AREAS WITHOUT ADEQUATE VENTILATION.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:131-724 DEG F

Vapor Density:HEAVIER

Spec Gravity:1.0

VOC Pounds/Gallon:274

VOC Grams/Liter:2.28

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:ESSENTIALLY NIL

Appearance and Odor:VISCOUS LIQUID WITH STRONG SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:FLAMES, SPARKS, SMOKING AND HEAT.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE.

Conditions to Avoid Polymerization:WILL

NOT OCCUR.

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

Waste Disposal Methods:USE INERT ABSORBENT MATERIALS ON SPILLS. DISPOSE
OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever

, expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.