

TORGINOL INC -- BLUE 35237 "B" -- 8010-01-419-1157

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

Product ID:BLUE 35237 "B"  
MSDS Date:06/15/1995  
FSC:8010  
NIIN:01-419-1157  
Status Code:A  
MSDS Number: CLLL  
==== Responsible Party ====  
Company Name:TORGINOL INC  
Address:710 FOREST AVE  
Box:102  
City:SHEBOYGAN FALLS  
State:WI  
ZIP:53085-0102  
Country:US  
Info Phone Num:920-467-2471  
Emergency Phone Num:1-800-688-4005  
Preparer's Name:ERNEST CARTER  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:33961  
==== 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  
Company Name:TORGINOL INC  
Address:710 FOREST AVE  
Box:102  
City:SHEBOYGAN FALLS  
State:WI  
ZIP:53085-0102  
Country:US  
Phone:920-467-2471  
CAGE:33961

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

Ingred Name:XYLENE  
CAS:1330-20-7  
RTECS #:ZE2100000  
= Wt

:17.  
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:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:HYDROUS MAGNESIUM SILICATE  
CAS:14807-96-6  
Code:F  
RTECS #:WW2710000  
OSHA PEL:SEE TABLE Z-3  
ACGIH TLV:2 MG/M3

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

LD50 LC50 Mixture:NONE  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenici  
ty:NTP:UNKNOWN IARC:UNKNOWN OSHA:YES  
Health Hazards Acute and Chronic:AS A PRECAUTION: EXPOSURE TO LIQUIDS,  
VAPORS, MISTS OR FUMES SHOULD BE MINIMIZED, MEDICAL CONDITIONS THAT  
COULD BE AGGRAVATED BY EXPOSURE INCLUDE RESPIRATORY DISORDERS AND  
SKIN ALLERGIES. POTENTIAL FO R NERVOUS SYSTEM, KIDNEY OR LIVER  
DAMAGE.  
Explanation of Carcinogenicity:NONE.  
Effects of Overexposure:INHALATION: MAY CAUSE DIFFICULTY OF BREATHING,  
DIZZINESS AND HEADACHES. EYE CONTACT: IRRITATING AND MA  
Y INJURE EYE  
TISSUE IF NOT REMOVED PROMPTLY. SKIN CONTACT: MAY IRRITATE AND  
CAUSE DERMATITIS. INGE STION: OBTAIN IMMEDIATE MEDICAL ATTENTION.  
Medical Cond Aggravated by Exposure:DIZZINESS, HEADACHES, RESPIRATORY  
DISORDERS AND DERMATITIS.

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

First Aid:INHALATION OVEREXPOSURE: MOVE PERSON TO FRESH AIR. IF  
BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK MEDICAL  
ATTENTION. EYE CONTACT: FLUSH WITH LARGE QUA

NTITIES OF WATER FOR 15

MINUTES. SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER AND SEE A PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:81 DEG F

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:1.0%

Upper Limits:7.0%

Extinguishing Media:FOAM, CO2, DRY CHEMICAL.

Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR FIRE FIGTERS. COOL FIRE-EXPOSED CONTAINERS WITH WATER

. FLASHBACK ALONG VAPOR TRAIL MAY OCCUR. VAPOR MAY EXPLODE IF IGNITED IN AN ENCLOSED ARE A.

Unusual Fire/Explosion Hazard:KEEP PRODUCT AWAY FROM IGNITION SOURCES SUCH AS HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAMES.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. KEEP PEOPLE AWAY. STOP LEAK. DIKE AND CONTAIN SPILL, KEEPING PRODUCT OUT OF SEWERS AND WATERCOURSES. RECOVER FREE PRODU

CT. ABSORB WITH SUITABLE

MATERIAL. VENTILATE CONF INED SPACES.

Neutralizing Agent:NONE.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. DO NOT TRANSFER MATERIAL TO UNMARKED CONTAINERS. MINIMIZE BREATHING VAPORS AND SKIN CONTACT.

Other Precautions:EMPTY CONTAINERS: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUES, ALL H

AZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE

OBSERVED, DISPOSAL O F CONTAINERS: ALL CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDAN CE WITH GOVERNMENT

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

Respiratory Protection:WHERE CONCENTRATIIONS IN AIR EXCEED EXPOSURE GUIDELINES USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND DUST FILTER. USE SELF CONTAINED BREATHING APPARATUS IN CONFINED AREA

S.

Ventilation:USE ONLY WITH VENTILATION SUFFICIENT TO PREVENT EXCEEDING RECOMMENDED EXPOSURE LIMITS AND BUILD UP OF EXPLOSIVE CONCENTRATIONS OF VAPOR IN AIR.

Protective Gloves:IMPERMEABLE CHEMICAL HANDLING GLOVES FOR SKIN PROTECTION.

Eye Protection:USE CHEMICAL SAFETY GLASSES WITH SIDE SHIELDS FOR EYE PROTECTION.

Other Protective Equipment:WEAR FULL BODY PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

Work Hygienic Practices:EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE  
A

RE RECOMMENDED.

Supplemental Safety and Health

NONE.

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

Boiling Pt:B.P. Text:282 DEG F

Melt/Freeze Pt:M.P/F.P Text:NONE

Decomp Temp:Decomp Text:NONE

Vapor Density:HEAVIER

Spec Gravity:(H2O=1): 1.3

VOC Pounds/Gallon:220

VOC Grams/Liter:1.84

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:FREE-FLOWING LIQUID

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

Stability Indicator/Materials t

o Avoid:YES

AVOID CONTACT WITH STRONG OXIDANTS.

Stability Condition to Avoid:REACTION WITH EPOXY RESIN CURING AGENTS  
MAY PRODUCE CONSIDERABLE HEAT.

Hazardous Decomposition Products:INCLUDING CARBONMONOXIDE, CARBON  
DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:OBSERVE PRECAUTIONS FOR VOLATILE FLAMMABLE  
VAPORS FROM ABSORBED MATERIAL. ASSURE CONFORMITY WITH APPLICABLE  
GOVERNME

NT REGULATIONS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO DISPOSAL REGULATIONS.

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.