

TORGINOL INC -- GRAY 26231 "B" -- 8010-01-414-8428

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

Product ID:GRAY 26231 "B"
MSDS Date:12/31/1999
FSC:8010
NIIN:01-414-8428
Status Code:A
MSDS Number: CLKTP
=== 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
Prepa
er's Name:RYAN MICKELSON
CAGE:33961
=== Contractor Identification ===
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

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===== 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:HYDROUS MAGNESIUM SILICATE
CAS:14807-96-6
C

ode:F
RTECS #:WW2710000
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:2 MG/M3

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

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

Reports of Carcinogenicity:NTP:NO IARC:NO 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 A
ND
SKIN ALLERGIES. POTENTIAL FO R NERVOUS SYSTEM, KIDNEY OR LIVER
DAMAGE.

Effects of Overexposure:INHALATION HEALTH RISKS AND SYMPTOMS OF
EXPOSURE: MAY CAUSE DIFFICULTY OF BREATHING, DIZZINESS AND
HEADACHES. IF OVERCOME BY VAPOR, MOVE VICTIM TO FRESH AIR. IF
BREATHING IS IRREGULAR OR HAS STOPPED, START RESUSCITATION,
ADMINISTER OXYGEN AND CALL FOR PROMPT MEDICAL ATTENTION. SKIN AND
EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: EYE CONTACT:
IRRITATING AND MAY
INUJURE EYE TISSUE IF NOT REMO VED PROMPTLY.
IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15
MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN
ABSORPTION HEALTTH RISKS AND SYMPTOMS OF EXPOSURE: SKIN CO NTACT:
MAY IRRITATE AND CAUSE DERMATITIS
Medical Cond Aggravated by Exposure:DIZZINESS, HEADACHES, RESPIRATORY
DISORDERS AND DERMATITIS.

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

First Aid:INHALATION: OVEREXPOSURE: MOV
E PERSON TO FRESH AIR. IF
BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AN SEEK MEDICAL
ATTENTION. EYE CONTACT: FLUSH WITH LARGE QUANTITIES OF WATER FOR 15
MINUTES. SKIN C ONTACT: WASH THOROUGHLY WITH SOAP AND WATER AND SEE
A PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:=27.2C, 81.F
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 FIGHTERS. COOL FIRE-EXPOSED CONTAINERS WITH WATER FLASHBACK ALONG VAPOR TRAIL MAY OCCUR. VAPORS MAY EXPLODE IF IGNITED IN AN ENCLOSED AREA.

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 PRODUCT. ABSORB WITH SUITABLE MATERIAL. VENTILATE CONFINED SPACES.

===== 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 HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. DISPOSAL OF CONTAINERS: ALL CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENT REGULATIONS

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

Respiratory Protection:WHERE CONCENTRATIONS IN AIR EXCEED EXPOSURE GUIDELINES USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND

DUST FILTER. USE SELF-CONTAINED BREATHING APPARATUS IN CONFINED AREAS.

Ventilation:USE ONLY WITH VENTILATION SUFFICIENT TO PREVENT EXCEEDING RECOMMENDED EXPOSURE LIMITS AND BUILDUP OF EXPLOSIVE CONCENTRATIONS OF VAPORS IN AIR. USE EXPLOSION PROOF

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

N CONTACT.

Work Hygienic Practices:EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

Supplemental Safety and Health

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

Boiling Pt:=138.9C, 282.F

Spec Gravity:1.3

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NON SOLUBLE

Appearance and Odor:FREE FLOWING LIQUID

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

Stability Indicator/Materials to 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 CARBON MONOXIDE , CARBON DIOXIDE.

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

Waste Disposal Methods:OBSERVE PRECAUTIONS FOR VOLATILE FLAMMABLE VAPORS FROM ABSORBED MATERIAL. ASSURE CONFORMITY WITH APPLICABLE GOVERNMENT REGULATIONS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO DISPOSAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOT INFORMATION: PAINT, 3, UN1263, PGII.

===== Regulatory Information =====

SARA Title III Information:XYLENE (MIXED ISOMERS), CAS#1330-20-7: INDICATES TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

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

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