

RESIN TECHNOLOGY GROUP INC -- ACTIVATOR A -- 8040-00-180-6200

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Product Identification
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Product ID:ACTIVATOR A
MSDS Date:01/11/1995
FSC:8040
NIIN:00-180-6200
Kit Part:Y
MSDS Number: BXFXT
=== Responsible Party ===
Company Name:RESIN TECHNOLOGY GROUP INC
Address:28 NORFOLK AVE
City:SOUTH EASTON
State:MA
ZIP:02375
Country:US
Info Phone Num:508-230-8070
Emergency Phone Num:508-230-8070
CAGE
:0JVX9
=== Contractor Identification ===
Company Name:RESIN TECHNOLOGY GROUP INC
Address:28 NORFOLK AVE
Box:City:S EASTON
State:MA
ZIP:02375
Country:US
Phone:508-230-8070
CAGE:0JVX9

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Composition/Information on Ingredients
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Ingred Name:DIETHYLENE TRIAMINE (2,2'-DIAMINODIETHYLENEAMINE)
CAS:111-40-0
RTECS #:IE1225000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 PPM
ACGIH TLV:S, 1 PPM; 9394

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:SEVERE IRRIT.INJURY(BURNS)TO COMEA
& OTHER TISSUES.SEVERITY DEPENDS ON DURATION OF EXPO/PROMPT
1ST AID.SKIN:CORRO CAUSE BURNS & SEVERE TISSUE DAMAGE.CAN CAUSE
DEVELOPMENT OF HYPERSENSITIVITY(ALLERGIC RX)IN SUSCEPTIBLE
INDIVIDUALS.INHAL:NOSE/THROAT/UPPER RESP TRACT IRRIT.DEVELOPMENT OF
HYPERSENSITIVITY IN (SUPPLEMEN)

Eff

Effects of Overexposure:EYE IRRIT,BURNS. SKIN BURNS, TISSUE DAMAGE.
HYPERSENSITIVITY (ALLERGIC REACTIONS) DEVELOPMENT.
NOSE/THROAT/UPPER RESP TRACT IRRIT. WHEEZING, COUGHING, SHORTNESS OF
BREATH, FEELING OF TIGHTNESS IN CHEST. INGEST:BURNS TO
MOUTH/THROAT/GI TRACT, NAUSEA, VOMITING, GI UPSET.

Medical Cond Aggravated by Exposure:SOME OF THE COMPONENTS MAY AGGRAVATE
EXISTING MED CONDITIONS INVOLVING LIVER,KIDNEY,RESP SYS,IMMUNE SYS
&/OR SPECIFIC CHEM ALLERGIES.CERTAIN INDIVIDUALS
MAY BE MORE
SUSCEPTIBLE.

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

First Aid:EYE:FLUSH W/STEADY WATER STREAM 15MINS.GET IMMEDIATE MED
ATTN.SKIN:IMMEDIATE WASH W/SOAP/LOTS OF WATER @LEAST 15MINS.CLEANSE
SKIN/HAIR/UNDER FINGERNAILS WELL.USE EMERGENCY SHOWER.REMOVE CONTACT
CLOTH/SHOE.GET IMMEDIATE MED ATTENTION.INHAL:MOVE TO FRESH AIR.DIFFICULT
BREATH GIVE OXYGEN.STOP BREATH GIVE ART RESPIRATOR.GET MED ATTENTION W/O
DELAY.INGEST:DO NOT
INDUCE VOMITING.GET IMMEDIATE MED ATTENTION/POISON CONTROL CENTER.RINSE
MOUTH
W/WATER.GIVE 2CUPS (SUPPLY)

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

Flash Point Method:SCC
Flash Point:>200F,>93C
Extinguishing Media:SM FIRES:USE WATER SPRAY,FOAM,HALON,DRY CHEM,CARBON
DIOXIDE.LG FIRES:USE WATER SPRAY,FOG,ALCOHOL FOAM.WATER MAY FROTH.
Fire Fighting Procedures:FIREFIGHTERS & OTHERS EXPOSED TO PRODUCTS OF
COMBUSTION SHOULD BE EQUIPPED WITH NIOSH APPROVED +PRESSURE
SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.
Unusual Fire/Exp

Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:VENTILATE/EVACUATE IF AIRBORNE LEVELS EXCEED LIMITS.CONTAIN/DIKE/BARRIER.RECOVER W/PUMP EQPMT/VAC TRUCK OR COVER W/INERT ABSORBENT(FULLERS EARTH,CLAY,APPROPR ABSORBENT).PLACE IN CNTNR.OBSERVE ALL FED/ STATE/LOC REPORTING REGS REFERING TO RELEASE/SPILL

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL DRY WELL VENTILATED AREA.DO NOT STORE >86F.AVOID CONTACT W/EYE/SKIN/CLOTH.HEATING CAN GENERATE VAP USE APPROPR VENTI/RESP AS NECESSARY.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:AVOID BREATHING VAP/MIST. WHERE EXO EXCEEDS ESTABLISHED AIRBORNE LIMITS USE NIOSH APPROVED RESP OR SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESP AS NECESSARY TO CONTROL EXPO.

Ventilation:MANTIAN AIRBORNE CONC BELOW EXPO LIMITS.GEN VENTI ACCEPTABLE BUT ENCLSURE/LOC EXHA MAY REQUIRE TO CNTRL EXPO W/VAP/MIST.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEM SPLASH GOGG & FULL FACESHIELD.

Other Protective Equipment:EYEWASH,EMERG SHOWER READILY AVAILABLE.CONTACT LENSES SHOULD NOT BE WORN.PROT CLOTH(RUBB BOOTS,APRON).

Work Hygienic Practices:LAUNDER CONTAMIN CLOTH SEPARATELY BEF REUSE.

WASH HANDS AFTER HANDLING.

Supplemental Safety and Health

HEALTH HAZ:SUSCEPTIBLE PEOPLE.INGEST:CORR CAUSES SEVERE MOUTH/THROAT/DIGESTIVE TRACT BURNS.MAY ADVERSELY EFFECT:LIVER,KIDNEY,HEART,CARDIOVASCULAR/RESP/IMMUNE SYS. 1ST AID:WATER.DO NOT GIVE CARBONATED DRINKS.DR:DANGER OF HEMORRHAGE & PERFORATION IF LAVAGE PERFORMED.NO ATTEMPT SHOULD BE MADE TO NEUTR BASE W/WEAK ACID.

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

HCC:B2

Boiling Pt:B.P. Text:398

F,203C
Vapor Pres:1
Vapor Density:3.56
Spec Gravity:0.95

Solubility in Water:COMPLETE
Appearance and Odor:AMBER VISCOUS LIQUID, AMINE ODOR.
Percent Volatiles by Volume:1.0

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

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS, ACIDS, WATER, CHEMICALLY ACITVE METALS:NICKEL,
COBALT, IRON, COPPER.
Stability Condition to Avoid:AVOID CONTACT WITH IMCOMPATIBLE CHEMICALS.
Hazardous Decomposition Products:MAY LIBERATE IRRIT
VAP DURING
COMBUST/DECOMP.AMINES,OXIDES OF NITROGEN,SMOKE,SOOT,CARBON
DIOXIDE,CARBON MONOXIDE.

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

Waste Disposal Methods:DISPOSAL MUST BE MADE IN ACCORDANCE WITH
APPLICABLE GOVERNMENTAL REGULATIONS.

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