

MATERIAL SAFETY DATA SHEET

FORSCH POLYMER CORPORATION
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IMPORTANT: BEFORE OPENING ANY FORSCH POLYMER PACKAGES, READ WARNING LABELS AND FOLLOW ALL PRECAUTIONS.

TELEPHONE NUMBER: (303) 322-9611

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SECTION 1

PRODUCT NUMBER: 80A LIQUID ACTIVATOR
PRODUCT NAME: 80A LIQUID ACTIVATOR
CHEMICAL TYPE: AROMATIC AMINE BLEND

EMERGENCY NUMBER: 1-800-424-9300 (Chemtrec)
DATE OF REVISION: OCTOBER 1998

HAZARD RATING: (4) EXTREME (3) HIGH (2) MODERATE
(1) SLIGHT (0) INSIGNIFICANT
TOXICITY: 3 FIRE: 1 REACTIVITY: 0 SPECIAL:

SECTION 2 HAZARDOUS COMPONENTS

C.A.S.	(ACGIH)	(OSHA)	(ACGIH)
NO.	PERCENT TLV	PEL	STEL
	3	3	

ALKYL ESTER	84-74-2 > 20.00	5mg/m	5mg/m
DIETHYLTOLUENEDIAMINE	68479-98-1 < 30.00		NOT ESTABLISHED

SUSPECTED CANCER AGENT: YES _____ NO X _____

SECTION 3 PHYSICAL DATA

BOILING POINT : 340 DEG F
VAPOR DENSITY (AIR = 1) : >1
SOLUBLE IN WATER : <0.03 G/L
SPECIFIC GRAVITY : >1
VOLATILE BY VOLUME : -
EVAPORATION RATE : -
APPEARANCE AND ODOR : BROWN - ODORLESS

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 275 DEG F METHOD: TCC LEL:
F.L.L.: DOT:
EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE

UNUSUAL FIRE AND EXPLOSION HAZARDS: TOXIC FUMES WILL BE EVOLVED WHEN THIS MATERIAL IS INVOLVED IN FIRE.
SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE AND USED. COOL FIRE-EXPOSED CONTAINERS WITH WATER.

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SECTION 5 HEALTH HAZARD DATA

INHALATION: NOT EXPECTED TO BE A ROUTE OF EXPOSURE DUE TO LOW VOLATILITY OF DETDA AT ROOM TEMPERATURE, HOWEVER, MATERIAL MAY GIVE OFF SIGNIFICANT AMOUNTS OF VAPOR.

EYE CONTACT: EXPECTED TO BE AN EYE IRRITANT.

SKIN CONTACT: EXPECTED TO BE TOXIC BY DERMAL ABSORPTION.

INGESTION: EXPECTED TO BE TOXIC.

CHRONIC EFFECTS OF OVEREXPOSURE: A TWO YEAR FEEDING STUDY IN RATS SHOWED DETDA CAUSED EFFECTS IN THE PANCREAS, LIVER, THYROID AND EYES. AN INCREASE IN THE NUMBER OF TUMORS IN THE LIVER AND THYROID OF MALE RATS AND IN THE LIVER AND POSSIBLY MAMMARY GLAND OF FEMALE RATS WAS FOUND.

OTHER HEALTH EFFECTS: IN RARE INSTANCES, SENSITIZATION TO CURATIVE HAS BEEN REPORTED TO OCCUR IN HUMANS.

TOXICITY DATA: ORAL LD50 = 485mg/kg; DERMAL LD50 = 700 mg/kg

SECTION 6 FIRST AID PROCEDURES

EYE CONTACT: FLUSH WITH CLEAN, LUKEWARM WATER (LOW PRESSURE) FOR AT LEAST 15 MINUTES WHILE LIFTING EYELIDS. REFER INDIVIDUAL TO PHYSICIAN OR OPHTHALMOLOGIST FOR IMMEDIATE FOLLOW-UP.

SKIN CONTACT: WASH THOROUGHLY WITH WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH CLOTHES BEFORE REUSE AND DISCARD CONTAMINATED LEATHER ARTICLES. SEEK MEDICAL ATTENTION IF EFFECT SUCH AS SWELLING OR REDDENING OCCURS.

INHALATION: MOVE TO FRESH AIR AND ADMINISTER OXYGEN IF NECESSARY. CONSULT PHYSICIAN IF EFFECT PERSISTS.

INGESTION: GET MEDICAL ATTENTION IMMEDIATELY. INDUCE VOMITING IMMEDIATELY BY DEPRESSING BACK OF TONGUE WITH A FINGER OR DRINKING ONE OR MORE GLASSES OF SALT WATER.

SECTION 7 REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITIES: AVOID BRINGING INTO CONTACT WITH STRONG OXIDIZING MATERIALS OR EPOXY RESINS UNDER UNCONTROLLED CONDITIONS.

HAZARDOUS DECOMPOSITION: CO (CARBON MONOXIDE)
CO (CARBON DIOXIDE)
NO (OXIDES OF NITROGEN)

SECTION 8 SPILL OR LEAK PROCEDURES

ACTION TO BE TAKEN: AVOID CONTACT WITH MATERIAL. ABSORB SPILL WITH CLAY OR DIATOMACEOUS EARTH AND SHOVEL INTO A DISPOSAL CONTAINER, REMOVE ANY SURROUNDING CONTAMINATED SOIL. WASH PAVED AREAS WITH WATER, BEING CERTAIN THAT THIS DILUTED MATERIAL IS NOT FLUSHED INTO STORM DRAINS OR WATER SUPPLIES. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. (SEE BELOW)

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WASTE DISPOSAL METHOD: WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

SECTION 9 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH APPROVED RESPIRATORY PROTECTION REQUIRED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL. FOR EMERGENCIES A SELF-CONTAINED BREATHING APPARATUS, OR A FULL-FACE RESPIRATOR IS RECOMMENDED.

VENTILATION: BREATHING OF VAPORS MUST BE AVOIDED. VENTILATION MUST BE SUFFICIENT TO CONTROL VAPORS. THIS MATERIAL SHOULD BE CONFINED AS FAR AS POSSIBLE WITHIN SEALED OR COVERED EQUIPMENT IN WHICH CASE NORMAL VENTILATION SHOULD BE ADEQUATE. SPECIAL (LOCAL) VENTILATION WILL BE NEEDED IN AREAS WHERE VAPORS ARE EXPECTED TO BE VENTED.

EYE PROTECTION: SPLASH PROOF GOGGLE OR SAFETY GLASSES WITH SIDE SHIELDS.

GLOVES: IMPERVIOUS GLOVES, NEOPRENE OR RUBBER

OTHER: CLEAN, BODY-COVERING CLOTHING. FURTHER SAFETY EQUIPMENT (APRON, FOOTWEAR, ETC.) SHOULD BE USED AS NECESSARY TO PREVENT CONTACT WITH MATERIAL.

SECTION 10 SPECIAL PRECAUTIONS

1. PREVENT ALL SKIN AND EYE CONTACT
2. AVOID BREATHING VAPORS
3. RE-SEAL PARTLY USED CONTAINERS.
4. ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTAL INGESTION.
5. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
6. OBSERVE CONDITIONS OF GOOD INDUSTRIAL HYGIENE AND SAFE WORKING PRACTICE.

DISCLAIMER

=====INFO
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