

MATERIAL SAFETY DATA SHEET

FORSCH POLYMER CORPORATION  
3025 S. WYANDOT ST.  
ENGLEWOOD, CO 80110

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

FORSCH POLYMER CORP.  
3025 S. WYANDOT ST.  
ENGLEWOOD, CO 80110  
EMERGENCY NUMBER: 303-548-7716  
DATE OF REVISION: May 2008

PRODUCT NUMBER: ISO 210A  
CHEMICAL TYPE: ALAPHATIC URETHANE  
PREPOLYMER

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

SECTION 2 HAZARDOUS COMPONENTS

	C.A.S. #	PERCENT	(ACGIH)	(OSHA)
VEHICLE : ALAPHATIC URETHANE PREPOLYMER	28182-81-2	>10.00	.005ppm	N/A
FREE DIISOCYANATE MONOMER	822-06-0	<10.0	.005ppm	N/A

SUSPECTED CANCER AGENT: NO

SECTION 3 PHYSICAL DATA

BOILING POINT : N/A  
VAPOR DENSITY (AIR=1) : > 1  
SOLUBLE IN WATER : NEGLIGIBLE  
SPECIFIC GRAVITY : 1.11-1.13 @ 25° C  
%VOLATILE BY VOLUME : N/A  
EVAPORATION RATE : N/A  
APPEARANCE AND ODOR : CLEAR LIQUID

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : >350.0 DEG F. METHOD: TCC LEL:  
EXTINGUISHING MEDIA: DRY CHEMICAL; CARBON DIOXIDE; FOAM; WATER SPRAY FOR LARGE FIRES.

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SECTION 4 FIRE AND EXPLOSION HAZARD DATA CONT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: IRRITATING AND/OR TOXIC GASES OR FUMES MAY BE GENERATED BY THERMAL DECOMPOSITION OR COMBUSTION. CLOSED CONTAINERS MAY RUPTURE OR EXPLODE (DUE TO PRESSURE BUILD UP) WHEN EXPOSED TO EXTREME HEAT.

FIRE FIGHTING PROCEDURES : WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. USE WATER TO COOL EXPOSED CONTAINERS. WATER STREAM DIRECTED INTO FIRE MAY CAUSE FROTHING WITH SUBSEQUENT SPREAD OF FIRE.

SECTION 5 HEALTH HAZARD DATA

ACUTE TOXICITY :  
EYE CONTACT : MODERATE IRRITANT. MAY CAUSE REVERSIBLE CORNEA INJURY.  
SKIN CONTACT : MODERATE IRRITANT. MAY CAUSE DERMATITIS AND ALLERGIC RESPONSE. STRONG SKIN SENSITIZER.  
INHALATION : RESPIRATORY IRRITANT AND SENSITIZER. OVEREXPOSURE MAY CAUSE HEADACHES, NAUSEA, AND VOMITING. MATERIAL ASPIRATED INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS.  
INGESTION : MAY CAUSE IRRITATION /BURNS OF MOUTH, THROAT AND STOMACH. SYMPTOMS INCLUDE NAUSEA, ABDOMINAL PAIN AND POSSIBLE COLLAPSE. PREEXISTING PULMONARY AND DERMATOLOGICAL DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO HAZARDOUS COMPONENTS.

CHRONIC OVEREXPOSURE INFORMATION: NONE OF THE COMPONENTS OF THIS PRODUCT ARE LISTED AS KNOWN OR SUSPECTED CARCINOGENS BY NTP, IARC, OR OSHA. NO SPECIFIC CHRONIC EFFECTS KNOWN.

SECTION 6 FIRST AID PROCEDURES

EYE CONTACT : FLUSH WITH PLENTY OF WATER AT LEAST, 15 MINUTES. OBTAIN IMMEDIATE MEDICAL ATTENTION.  
SKIN CONTACT : REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA(S) THOROUGHLY WITH SOAP AND WATER. CONSULT PHYSICIAN.  
INHALATION : REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. ADMINISTER ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL HELP.  
INGESTION : DO NOT INDUCE VOMITING. GIVE WATER OR MILK IF VICTIM IS CONSCIOUS AND NOT DROWSY. SHOULD VOMITING OCCUR, BE SURE TO KEEP VICTIM'S HEAD BELOW HIPS TO AVOID ASPIRATION OF VOMITUS INTO LUNGS. OBTAIN IMMEDIATE MEDICAL IMMEDIATE MEDICAL ATTENTION.

SECTION 7 REACTIVITY DATA

STABILITY : STABLE

STABILITY CONDITIONS TO AVOID: LONG-TERM EXPOSURE TO ELEVATED TEMPERATURES. CONTAMINATION WITH MOISTURE.

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SECTION 7 REACTIVITY DATA CONT.

INCOMPATIBILITY : (MATERIALS TO AVOID CONTACT WITH.) STRONG BASES OR OXIDANTS. STRONG LEWIS OR MINERAL ACIDS. WATER, ALCOHOLS. SURFACE-ACTIVE COMPOUNDS. AMINE HARDENERS IN LARGE MASSES OR UNCONTROLLED CONDITIONS.

HAZARDOUS DECOMPOSITION: ACRID FUMES. OXIDES OF CARBON, TOXIC NITROGENOUS OXIDES. AMMONIA, TOXIC MONOMER FUMES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 8 SPILL OR LEAK PROCEDURES

ACTION TO BE TAKEN: VENTILATE AREA. WEAR APPROPRIATE PROTECTIVE EQUIPMENT DURING CLEANUP. CONTAIN SPILL. ABSORB WITH INERT MATERIAL. SWEEP OR SHOVEL INTO CONTAINERS WITH LIDS. COVER LOOSELY AND REMOVE TO APPROPRIATE WASTE AREA. WASH SPILL AREA WITH SOAP AND WATER.

WASTE DISPOSAL METHODS: REVIEW ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION FOR APPROPRIATE DISPOSAL PROCEDURES.

SECTION 9 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: IF THE TLV IS EXCEEDED, IF USE IS PERFORMED IN A POORLY VENTILATED CONFINED SPACE OR AREA WITH LIMITED VENTILATION, USE NIOSH-APPROVED RESPIRATOR FOR DUST AND MIST WHEN GRINDING OR MACHINING CURED COMPOUNDS. USE SELF-CONTAINED BREATHING APPARATUS WHEN BURNING OUT CURED COMPOUNDS.

VENTILATION : LOCAL EXHAUST AS NEEDED TO CONTROL VAPOR/DUST LEVELS TO BELOW RECOMMENDED LIMITS.

GLOVES : IMPERVIOUS RUBBER.

EYE PROTECTION : CHEMICAL SAFETY GOGGLES.

OTHER PROTECTIVE EQUIPMENT : ACCESSIBLE EYE WASH AND SAFETY SHOWER. CLEAN PROTECTIVE CLOTHES.

SECTION 10 SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS :  
FOR PROFESSIONAL USE ONLY. DO NOT TAKE INTERNALLY.

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SECTION 10

SPECIAL PRECAUTIONS CONT.

AVOID CONTACT WITH EYES,SKIN AND CLOTHING.
AVOID BREATHING VAPOR /DUST /MIST.
WASH THOROUGHLY AFTER HANDLING.
TIGHTLY RESEAL ALL PARTIALLY USED CONTAINERS.
USE ONLY WITH ADEQUATE VENTILATION.

OTHER INFORMATION:

- \* N/A - INFORMATION OR DATA NOT AVAILABLE.
\*\* NTP - NATIONAL TOXICOLOGY PROGRAM
\*\* IARC - INTERNATIONAL AGENCY FOR RESEARCH ON CANCER.
\*\* ACGIH- AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
\*\* OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
\*\*\* PEL -PERMISSIBLE EXPOSURE LIMIT (8-HR. TWA) (OSHA)
\*\*\* TLV - THRESHOLD LIMIT VALUE (8-HR. TWA) (ACGIH)

SECTION 11

REGULATORY DATA

TRANSPORTATION:

Table with 3 columns: HAZARD CLASS, DOT, UN. Rows include: HAZARD CLASS, UN / NA, SHIPPING NAME, CLASS NUMBER, SUBSID. RISK, PACKING GROUP. All values are 'NOT REGULATED' or 'NOT APPLICABLE'.

REPORTING

CERCLA REPORTABLE QUANTINTY : AS A PRODUCT : NONE AS WASTE: NONE

REPORTING:

SARA TITLE III EMERGENCY RESPONSE REPORTABLE QUANTITY : NONE
SARA TITLE III INVENTORY REPORTING ( Y / N ) Y
SARA TITLE III HAZARD CLASS (ES) : ACUTE HEALTH HAZARD
COMPONENTS ON TSCA INVENTORY : (Y / N) Y

DISPOSAL

EPA RCRA WASTE CLASS : NOT REGULATED
EPA RCRA WASTE NUMBER : NOT REGULATED
CALIFORNIA LIST LAND BAN (Y / N) NOT APPLICABLE

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**DISCLAIMER**

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