

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 PAGE 1 OF 3

SECTION 1

PRODUCT NUMBER: Clear Cast Liquid 80A & 75D
PRODUCT NAME: POL 8090B, POL 1000B
CHEMICAL TYPE: POLYOL
EMERGENCY NUMBER: 303-548-7716
DATE OF REVISION: JULY 2008

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

SECTION 2 HAZARDOUS COMPONENTS

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

PEL/TLV NOT ESTABLISHED FOR THIS MATERIAL

SECTION 3 PHYSICAL DATA

BOLLING POINT : 572 DEG F @ 760 mm Hg
VAPOR DENSITY (AIR = 1) : N/A
VAPOR PRESSURE : <0.01 mm Hg @ 68 DEG F
SPECIFIC GRAVITY : 1.14 @ 104 DEG F
% VOLATILE BY VOLUME : N/A
EVAPORATION RATE: N/A

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 320 DEG F METHOD: TCC LEL:
UEL:
DOT:
EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON
DIOXIDE, WATER FOG
UNUSUAL FIRE AND EXPLOSION HAZARDS: NEVER USE
WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN
EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN
IGNITE EXPLOSIVELY.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-
CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE
OPERATED IN POSITIVE PRESSURE DEMAND MODE WHEN
FIGHTING FIRE. WATER OR FOAM MAY CAUSE FROTHING
WHICH CAN BE VIOLENT AND POSSIBLY ENDANGER THE LIFE
OF THE FIRE FIGHTER, ESPECIALLY IF SPRAYED INTO
CONTAINERS OF HOT, BURNING LIQUID.
HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC
MATERIALS: CARBON DIOXIDE AND CARBON MONOXIDE,
NITROGEN COMPOUNDS, VARIOUS HYDROCARBONS.

FORSCH POLYMER CORPORATION

PAGE 2 OF 3

SECTION 5 HEALTH HAZARD DATA

EYE CONTACT: CAN CAUSE MODERATE IRRITATION, REDNESS,
TEARING.

SKIN CONTACT: PROLONGED OR REPEATED CONTACT CAN
CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.
INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE
NASAL AND RESPIRATORY IRRITATION, CENTRAL NERVOUS
SYSTEMS EFFECTS INCLUDING DIZZINESS, WEAKNESS,
FATIGUE, NAUSEA, HEADACHE AND POSSIBLE
UNCONSCIOUSNESS, AND EVEN DEATH.
INGESTION: EXPECTED TO BE TOXIC.

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 POLYMERIZATION: CANNOT OCCUR

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)
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: NOT REQUIRED UNDER NORMAL
CONDITIONS OF USE.
VENTILATION: BREATHING OF VAPORS MUST BE AVOIDED.
VENTILATION MUST BE SUFFICIENT TO CONTROL VAPORS.
THIS MATERIAL SHOULD BE CONFINED AS FAR AS POSSIBLE

FORSCH POLYMER CORPORATION

PAGE 3 OF 3

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.
CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN
EMPTY, SINCE EMPTIED CONTAINERS RETAIN PRODUCT
RESIDUES. ALL HAZARDOUS PRECAUTIONS GIVEN IN THE
DATA SHEET MUST BE OBSERVED.

DISCLAIMER

INFORMATION PRESENTED HEREIN HAS BEEN COMPILED
FROM INFORMATION PROVIDED TO US BY OUR SUPPLIERS
AND OTHER SOURCES CONSIDERED TO BE DEPENDABLE AND
IS ACCURATE AND RELIABLE TO THE BEST OF OUR
KNOWLEDGE AND BELIEF BUT IS NOT GUARANTEED TO BE
SO. NOTHING HEREIN IS TO BE CONSTRUED AS
RECOMMENDING ANY PRACTICE OR USE OF ANY PRODUCT IN
VIOLATION OF ANY PATENT OR IN VIOLATION OF ANY LAW OR
REGULATION. IT IS THE USER'S RESPONSIBILITY TO
DETERMINE AND TO ADOPT SUCH SAFETY PRECAUTIONS AS
MAY BE NECESSARY. WE MAKE NO WARRANTY AS TO THE
RESULTS TO BE OBTAINED IN USING ANY MATERIAL AND,
SINCE CONDITIONS OF USE ARE NOT UNDER CONTROL, WE
MUST NECESSARILY DISCLAIM ALL LIABILITY WITH RESPECT
TO USE OF ANY MATERIAL SUPPLIED BY US.