IDENTITY (TRADENAME): \textit{REN SHAPE (R) 450}

FAMILY/CHEMICAL NAME: \textit{CURED POLYURETHANE}

PRODUCT TYPE: MODELING STOCK

IMPORTANT:

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* THIS MATERIAL WILL NOT BE SOLD FOR USE IN PRODUCTS *
* FOR WHICH PROLONGED CONTACT WITH MUCOUS MEMBRANES OR *
* ABRADED SKIN, OR IMPLANTATION WITHIN THE HUMAN BODY, IS *
* SPECIFICALLY INTENDED. BECAUSE OF THE WIDE RANGE OF *
* SUCH POTENTIAL USES, CIBA-GEIGY CORPORATION IS NOT ABLE *
* TO RECOMMEND THIS MATERIAL AS SAFE AND EFFECTIVE FOR *
* SUCH USES AND ASSUMES NO LIABILITY FOR ANY SUCH USES. *
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HAZARD STATEMENT:

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* THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN *
* PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD: *
* COMMUNICATION STANDARD 29 CFR 1910.1200: *
* THIS PRODUCT IS NOT CONSIDERED TO BE A HAZARDOUS: *
* "CHEMICAL" UNDER THAT STANDARD: *
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THE COMPONENTS OF THIS PRODUCT ARE NOT CONSIDERED TO BE HAZARDOUS AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD FOUND IN 29 CFR 1910.1200.

REN SHAPE (R) 450
SECTION III-PHYSICAL DATA

APPEARANCE:
BROWN SOLID.

PERCENT VOLATILE:
0%

SOLUBILITY IN WATER:
INSOLUBLE.

SPECIFIC GRAVITY:
0.67 (WATER = 1)

VOLATILE ORGANIC COMPOUND:
0 LBS/GALLON

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

NFPA CODE:

HEALTH: 0 FIRE: 1 REACTIVITY: 0

EXTINGUISHING MEDIA:
CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER.

FIRE FIGHTING PROCEDURES-SPECIAL:
USE SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

SECTION V-REACTIVITY DATA

STABILITY:
STABLE.

CONDITIONS TO AVOID:
EXCESSIVE HEAT FOR PROLONGED PERIODS OF TIME.

INCOMPATIBILITY:
STRONG OXIDIZERS, ACIDS AND BASES.

HAZARDOUS DECOMPOSITION PRODUCTS:
COMBUSTION MAY FORM TOXIC MATERIALS. CARBON MONOXIDE, CARBON DIOXIDE, BENZENE, TOLUENE, OXIDES OF NITROGEN, HYDROGEN CYANIDE.

HAZARDOUS POLYMERIZATION:
WILL NOT OCCUR.

SECTION VI-HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE:
DERMAL OR INHALATION

THRESHOLD LIMIT VALUE:
THIS ARTICLE IS NOT CONSIDERED TO BE HAZARDOUS.

EYE IRRITATION:
DUST DUE TO MACHINING MAY CAUSE IRRITATION.

OVEREXPOSURE EFFECTS:
CURED POLYURETHANE RESINS ARE PRACTICALLY INERT SUBSTANCES WITH NO DEGREE OF TOXICITY.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
SKIN AND EYE CONDITIONS.

REN SHAPE (R) 450
EMERGENCY AND FIRST AID PROCEDURES-EYES:
IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.
CALL A PHYSICIAN.

EMERGENCY AND FIRST AID PROCEDURES-SKIN:
WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND
LAUNDER BEFORE RE-USE.

EMERGENCY AND FIRST AID PROCEDURES-INGESTION:
IF CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. DO
NOT INDUCE VOMITING. CALL A PHYSICIAN.

EMERGENCY AND FIRST AID PROCEDURES-INHALATION:
REMOVE TO FRESH AIR. GIVE OXYGEN AND/OR ARTIFICIAL
RESPIRATION, IF NEEDED. CALL A PHYSICIAN.

EMERGENCY AND FIRST AID PROCEDURES-OTHER:
REFERRAL TO A PHYSICIAN IS RECOMMENDED IF THERE IS ANY
QUESTION ABOUT THE SERIOUSNESS OF ANY INJURY.

SECTION VII-SPILL OR LEAK PROCEDURES

SPILL PROCEDURES:
SWEEP UP INTO APPROVED DISPOSAL CONTAINER.
THOROUGHLY VACUUM AREA. DO NOT CREATE DUSTY CONDITION.

WASTE DISPOSAL METHODS:
CONSULT QUALIFIED LOCAL OR CORPORATE PERSONNEL FOR METHOD
THAT WILL COMPLY WITH LOCAL, STATE AND FEDERAL HEALTH AND
ENVIRONMENTAL REGULATIONS.

SECTION VIII-SPECIAL PROTECTION INFORMATION

VENTILATION:
GENERAL MECHANICAL AND LOCAL EXHAUST IN ACCORDANCE WITH
ACGIH RECOMMENDATIONS.

PROTECTIVE GLOVES:
WEAR GLOVES AS A STANDARD HANDLING PROCEDURE.

EYE PROTECTION:
WEAR CHEMICAL GOGGLES TO PROTECT AGAINST DUST PARTICLES.

RESPIRATORY PROTECTION:
USE NIOSH-APPROVED DUST MASK, IF REQUIRED.

SECTION IX-SPECIAL PRECAUTIONS

HMIS CODE:
HEALTH: 0  FIRE: 1  REACTIVITY: 0

HANDLING, SHIPPING AND STORING PRECAUTIONS:
CAUTION AVOID DUSTY CONDITIONS. USE WITH ADEQUATE
VENTILATION. AVOID BREATHING DUST.
IN ACCORD WITH GOOD INDUSTRIAL PRACTICE, HANDLE
WITH DUE CARE. AVOID CONTACT WITH EYES, SKIN,
AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

HANDLING PRECAUTIONS:
NUISANCE DUST MAY BE GENERATED WHEN SANDING OR SAWING
CURED MATERIAL.

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SECTION: X-REGULATORY INFORMATION

DOT PROPER SHIPPING NAME:
   SOLID PLASTIC MASS, N.O.I.

DOT CLASS:
   NOT REGULATED AS A HAZARDOUS MATERIAL BY THE U.S. DEPT. OF
   TRANSPORTATION (DOT) 49 CFR 172.101 HAZARDOUS MATERIALS
   TABLE.

RCRA STATUS:
   NOT A HAZARDOUS WASTE UNDER RCRA (40 CFR 261).

SARA/TITLE III - TOXIC CHEMICALS LIST:
   THIS PRODUCT DOES NOT CONTAIN A TOXIC CHEMICAL FOR ROUTINE
   ANNUAL 'TOXIC CHEMICAL RELEASE REPORTING' UNDER SEC. 313
   (40 CFR 372).

TSCA INVENTORY STATUS:
   CHEMICAL COMPONENTS LISTED ON TSCA INVENTORY.

Pennsylvania: Right-to-Know Act:
   THE FOLLOWING IS REQUIRED COMPOSITION INFORMATION.

   CHEMICAL NAME : SPECIFIC CHEMICAL IDENTITY OF THIS COMPONENT
                   IS BEING WITHHELD AS TRADE SECRET.

   GENERIC NAME : CURED POLYURETHANE BOARD.

   COMMENTS : NOT ON PENNSYLVANIA HAZARDOUS SUBSTANCE LIST.

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FOR FURTHER INFORMATION, PLEASE CONTACT: PRODUCT SAFETY DIR

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE
BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE
OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED IS MADE WITH
RESPECT TO THE INFORMATION CONTAINED HEREIN.

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