SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: LN-202 CERAMIC PROJECTS ADHESIVE
DATE OF PREPARATION: JANUARY 25, 2008
PRODUCT USE: ADHESIVE
MANUFACTURED BY: AKZO NOBEL NORTH AMERICA
15885 WEST SPRAGUE ROAD
STRONGSVILLE, OHIO 44136, U.S.A.

AKZO NOBEL (CANADA)
8200 KEELE STREET
CONCORD, ONTARIO L4K 2A5, CANADA

EMERGENCY AND MSDS TELEPHONE NUMBER: 1-800-545-2643

MSDS PREPARED BY: PRODUCT SAFETY AND COMPLIANCE DEPARTMENT
AKZO NOBEL NORTH AMERICA

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>WT. %</th>
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<tbody>
<tr>
<td>CHEMICAL NAME: ACRYLIC POLYMER</td>
<td>5-10</td>
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<tr>
<td>COMMON NAME: ACRYLIC POLYMER</td>
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<tr>
<td>CAS NUMBER: CONFIDENTIAL</td>
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<tr>
<td>CHEMICAL NAME: 2-PROPENOIC ACID, 2-CYANO-, ETHYL ESTER</td>
<td>90-95</td>
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<tr>
<td>COMMON NAME: ETHYL CYANOACRYLATE</td>
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<td>CAS NUMBER: 7085-85-0</td>
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SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF EXPOSURE: INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION

EFFECTS OF OVEREXPOSURE

INHALATION: IRRITATION OF RESPIRATORY TRACT. PROLONGED INHALATION MAY LEAD TO SORE THROAT, ALLERGIC RESPONSE, ASTHMATIC REACTION, PNEUMONIA, PULMONARY EDEMA. POSSIBLE SENSITIZATION TO RESPIRATORY TRACT.

SKIN CONTACT: IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, ALLERGIC RESPONSE, SEVERE SKIN IRRITATION, SEVERE TISSUE DAMAGE, POSSIBLE SENSITIZATION TO SKIN.

EYE CONTACT: IRRITATION OF EYES. PROLONGED OR REPEATED CONTACT CAN CAUSE CONJUNCTIVITIS, DOUBLE VISION, CORNEAL INJURY, SEVERE TISSUE DAMAGE.
INGESTION: INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM STIMULATION. SEVERE RESPIRATORY DIFFICULTIES COLLAPSE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

EYE, SKIN, RESPIRATORY DISORDERS, ALLERGIES

SECTION 4: FIRST-AID MEASURES

INHALATION: REMOVE TO FRESH AIR. RESTORE AND SUPPORT CONTINUED BREATHING. GET EMERGENCY MEDICAL ATTENTION. HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. GET MEDICAL HELP FOR ANY BREATHING DIFFICULTY.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER. IF ANY PRODUCT REMAINS, GENTLY RUB PETROLEUM JELLY, VEGETABLE OR MINERAL/BABY OIL ONTO SKIN. REPEATED APPLICATIONS MAY BE NEEDED. REMOVE CONTAMINATED CLOTHING. IF BONDING OCCURS, IMMERSE THE BONDED SURFACES IN WARM SOAPY WATER. PEEL OR ROLL THE SURFACES APART USING A BLUNT EDGE, SUCH AS A SPATULA OR SPOON HANDLE. DO NOT PULL SURFACES APART WITH A DIRECT OPPOSING ACTION. GET MEDICAL ATTENTION, IF NEEDED.

EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER, ESPECIALLY UNDER LIDS FOR AT LEAST 15 MINUTES. IF IRRITATION OR OTHER EFFECTS PERSIST, OBTAIN MEDICAL TREATMENT. IF BONDING TO TISSUES OCCURS, WASH WITH LARGE AMOUNTS OF WARM WATER. COVER BOTH EYES WITH STERILE, DRY BANDAGES. THE EYE WILL OPEN WITHOUT FURTHER ACTION. DO NOT PULL SURFACES APART WITH A DIRECT OPPOSING ACTION. GET MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, OBTAIN MEDICAL TREATMENT IMMEDIATELY. WET LIPS WITH WATER. PEEL OR ROLL THE SURFACES APART USING A BLUNT EDGE, SUCH AS A SPATULA OR SPOON HANDLE. DO NOT PULL SURFACES APART WITH A DIRECT OPPOSING ACTION. IF A LUMP FORMS IN THE MOUTH, TURN HEAD TO SIDE. GET MEDICAL ATTENTION.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (SETA): 185 F. / 85 C.  LOWER EXPLOSIVE LIMIT: NOT AVAILABLE UPPER EXPLOSIVE LIMIT: NOT AVAILABLE

FIRE EXTINGUISHING MEDIA: DRY CHEMICAL OR FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE. VAPORS CAN FORM EXPLOSIVE MIXTURES IN AIR AT ELEVATED TEMPERATURES. MAY DECOMPOSE UNDER FIRE CONDITIONS EMITTING IRRITANT AND/OR TOXIC GASES.
FIRE FIGHTING PROCEDURES
WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS
   CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN,
   CYANIDES

SECTION 6: ACCIDENTAL RELEASE MEASURES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
COMPLY WITH ALL APPLICABLE HEALTH AND ENVIRONMENTAL REGULATIONS.
ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA.

SECTION 7: HANDLING AND STORAGE
STORE BELOW 100F (38C). KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.

OTHER PRECAUTIONS
USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP OUT OF
REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF
VAPORS. WASH HANDS THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING
OR SMOKING. KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME:  ETHYL CYANOACRYLATE
CAS NUMBER:  7085-85-0
ACGIH(TWA):  0.2 PPM

RESPIRATORY PROTECTION
CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE EXPOSURE
STANDARDS WHEN USING THIS MATERIAL. WHEN RESPIRATORY PROTECTION IS
DETERMINED TO BE NECESSARY, USE A NIOSH/MSHA (CANADIAN Z94.4) APPROVED
ELASTOMERIC SEALING-SURFACE FACEPIECE RESPIRATOR OUTFITTED WITH ORGANIC
VAPOR CARTRIDGES AND PAINT SPRAY (DUST/MIST) PREFILTERS. DETERMINE THE
PROPER LEVEL OF PROTECTION BY CONDUCTING APPROPRIATE AIR MONITORING.

VENTILATION
PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD-UP OF
VAPORS.

PERSONAL PROTECTIVE EQUIPMENT
   EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES,
   IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING, FACE SHIELD
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: NOT AVAILABLE  SPECIFIC GRAVITY: 1.100
BOILING RANGE (F/C): NOT AVAILABLE  WEIGHT PER GALLON: 9.16 / 11.00 IMP
APPEARANCE: CLEAR  % VOLATILE BY VOLUME: NOT DETERMINED
PHYSICAL STATE: LIQUID  SOLUBLE IN WATER: NOT AVAILABLE
PH: N/A

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS: STABLE (SEE SECTION 5 FIRE FIGHTING MEASURES)
MATERIALS TO AVOID: BASES, AMINES, COMBUSTIBLE MATERIALS
CONDITIONS TO AVOID: ELEVATED TEMPERATURES, SPARKS, OPEN FLAME, IGNITION SOURCES
HAZARDOUS POLYMERIZATION: MAY OCCUR
AVOID CONTACT WITH WATER OR INCOMPATIBLE MATERIALS.

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME: ETHYL CYANOACRYLATE
CAS NUMBER: 7085-85-0
CARCINOGENICITY LISTED BY: NTP NO  IARC NO  OSHA NO  ACGIH NO
LD50: 0.22 ML/KG SKN RBT
LD50: 0.18 ML/KG ORL RAT

SUPPLEMENTAL HEALTH INFORMATION

CONTAINS CYANOACRYLATE. CYANOACRYLATES BOND SKIN AND EYES IN SECONDS. AVOID CONTACT WITH SKIN AND EYES. SOME CYANOACRYLATES MAY CAUSE THERMAL BURNS.

CARCINOGENICITY: NO CARCINOGENIC EFFECTS ARE ANTICIPATED
REPRODUCTIVE EFFECTS: NO REPRODUCTIVE EFFECTS ARE ANTICIPATED
MUTAGENICITY: NO MUTAGENIC EFFECTS ARE ANTICIPATED
TERATOGENICITY: NO TERATOGENIC EFFECTS ARE ANTICIPATED

SECTION 12: ECOLOGICAL INFORMATION

NO ECOLOGICAL TESTING HAS BEEN DONE BY AKZO NOBEL ON THIS PRODUCT AS A WHOLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
SECTION 14: TRANSPORT INFORMATION

DOT:  NOT AVAILABLE
IMDG: NOT AVAILABLE
IATA: NOT AVAILABLE
TDG:  NOT AVAILABLE

SECTION 15: REGULATORY INFORMATION

SARA  SARA  CERCLA  HAZ AIR  MARINE
302    313    302.4  POLLUTANT  POLTNT

THIS PRODUCT CONTAINS NO SARA 302, CERCLA 302.4 OR HAZARDOUS AIR POLLUTANT CHEMICALS. IT ALSO CONTAINS NO CHEMICALS WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS UNDER SARA 313. AS OF THE DATE OF THIS MSDS, ALL OF THE COMPONENTS IN THIS PRODUCT ARE LISTED (OR ARE OTHERWISE EXEMPT FROM LISTING) ON THE TSCA INVENTORY. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

SECTION 16: OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE AT THE TIME OF PREPARATION OF THIS DATA SHEET AND WHICH AKZO NOBEL BELIEVES TO BE RELIABLE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA. AKZO NOBEL SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS INFORMATION, OR OF ANY PRODUCT, METHOD OR APPARATUS MENTIONED AND YOU MUST MAKE YOUR OWN DETERMINATION OF ITS SUITABILITY AND COMPLETENESS FOR YOUR OWN USE, FOR THE PROTECTION OF THE ENVIRONMENT, AND THE HEALTH AND SAFETY OF YOUR EMPLOYEES AND USERS OF THIS MATERIAL. COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200.