

**MSDS: LN-202**

**Revised: 12-Feb-2009**

**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)  
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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**

<b>INGREDIENT</b>	<b>WT. %</b>
CHEMICAL NAME: ACRYLIC POLYMER COMMON NAME: ACRYLIC POLYMER CAS NUMBER: CONFIDENTIAL	5-10
CHEMICAL NAME: 2-PROPENOIC ACID, 2-CYANO-, ETHYL ESTER COMMON NAME: ETHYL CYANOACRYLATE CAS NUMBER: 7085-85-0	90-95

**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



## 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. CONSULT 29CFR1910.134 FOR SELECTION OF RESPIRATORS (CANADIAN Z94.4).

### 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.