SECTION 1

PRODUCT IDENTIFIER AHE70004TN0 LN-700, LIQUIDNAILS SMALL PROJECTS & REP AIRS
DATE OF PREPARATION NOVEMBER 7, 2002
PRODUCT USE ADHESIVE/CAULK

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1-800-545-2643

MSDS PREPARED BY: PRODUCT SAFETY AND TOXICOLOGY DEPARTMENT
ICI PAINTS NORTH AMERICA

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

	INGREDIENT	WT.%:
CHEMICAL NAME COMMON NAME : CAS NUMBER:	LIMESTONE LIMESTONE 1317-65-3	40-50
CHEMICAL NAME COMMON NAME : CAS NUMBER:	KAOLIN CLAY 1332-58-7	10-20
CHEMICAL NAME COMMON NAME : CAS NUMBER:	QUARTZ QUARTZ 14808-60-7	.1-1.0
CHEMICAL NAME COMMON NAME : CAS NUMBER:	BENZENE, 1,3-DIETHENYL-, POLYMER WITH 1,3-BUTADIENE AND ETHENYLBENZENE STYRENE-BUTADIENE POLYMER 26471-45-4	1-5
CHEMICAL NAME COMMON NAME : CAS NUMBER:	MAGNESIUM CARBONATE MAGNESIUM CARBONATE 546-93-0	1-5
CHEMICAL NAME COMMON NAME : CAS NUMBER:	DISTILLATES, PETROLEUM, HYDROTREATED HEAVY NAPHTHEN PETROLEUM HYDROCARBON 64742-52-5	1-5
CHEMICAL NAME COMMON NAME : CAS NUMBER:	SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC LIGHT ALIPHATIC SOLVENT NAPHTHA (PETROLEUM) 64742-89-8	10-20
CHEMICAL NAME COMMON NAME : CAS NUMBER:	2-PROPANONE ACETONE 67-64-1	1-5
CHEMICAL NAME COMMON NAME : CAS NUMBER:	DISTILLATES (PETROLEUM), STEAM-CRACKED, POLYMERS WITH LIGHT STEAM-CRACKED PETROLEUM NAPHTHA AROMATIC HYDROCARBON RESIN 68410-16-2	10-20
CHEMICAL NAME	RESIN ACIDS AND ROSIN ACIDS, ESTERS WITH GLYCEROL	1-5

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME : ROSIN GLYCEROL ESTER
CAS NUMBER: 8050-31-5

CHEMICAL NAME BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE 1-5
COMMON NAME : STYRENE-BUTADIENE POLYMER
CAS NUMBER: 9003-55-8

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 LOSS OF APPETITE, MUCOUS MEMBRANE IRRITATION, FATIGUE, DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, ABDOMINAL PAIN, COUGHING, DIFFICULTY WITH SPEECH, CENTRAL NERVOUS SYSTEM DEPRESSION, INTOXICATION, ANESTHETIC EFFECT OR NARCOSIS, DIFFICULTY OF BREATHING, BLOOD ABNORMALITIES, LIVER DAMAGE, KIDNEY DAMAGE, LOSS OF CONSCIOUSNESS.

SKIN CONTACT IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING.

EYE CONTACT IRRITATION OF EYES. PROLONGED OR REPEATED CONTACT CAN CAUSE CONJUNCTIVITIS, BLURRED VISION, TEARING OF EYES, REDNESS OF EYES, SEVERE EYE IRRITATION, CORNEAL INJURY.

INGESTION INGESTION MAY CAUSE LUNG INFLAMMATION AND DAMAGE DUE TO ASPIRATION OF MATERIAL INTO LUNGS, MUCOUS MEMBRANE IRRITATION, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, DIARRHEA, GASTRO-INTESTINAL DISTURBANCES, ABDOMINAL PAIN, CENTRAL NERVOUS SYSTEM DEPRESSION, INTOXICATION, DIFFICULTY OF BREATHING.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
EYE, SKIN, RESPIRATORY DISORDERS
LUNG DISORDERS
KIDNEY DISORDERS
RESPIRATORY DISORDERS

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.
REMOVE TO FRESH AIR IF INHALATION CAUSES EYE WATERING, HEADACHES, DIZZINESS, OR OTHER DISCOMFORT.
GET MEDICAL ATTENTION IF DISCOMFORT OR IRRITATION PERSISTS.

SECTION 4: FIRST-AID MEASURES

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.
WASH CONTAMINATED CLOTHING BEFORE RE-USE.
IF IRRITATION OCCURS, CONSULT A PHYSICIAN.

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.

INGESTION
IF SWALLOWED, OBTAIN MEDICAL TREATMENT IMMEDIATELY.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (SETA)	24 F./ -4 C.	LOWER EXPLOSIVE LIMIT	1.2	(%)
		UPPER EXPLOSIVE LIMIT	7.0	(%)

FIRE EXTINGUISHING MEDIA
DRY CHEMICAL OR FOAM
WATER FOG.
CARBON DIOXIDE.

UNUSUAL FIRE AND EXPLOSION HAZARDS
CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE.
VAPORS MAY IGNITE EXPLOSIVELY AT AMBIENT TEMPERATURES.
VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL LONG DISTANCES TO A SOURCE OF IGNITION AND FLASH BACK.
CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE.
MAY DECOMPOSE UNDER FIRE CONDITIONS EMITTING IRRITANT AND/OR TOXIC GASES.

FIRE FIGHTING PROCEDURES
WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.
FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE PROTECTION, AND SELF-CONTAINED BREATHING APPARATUS.

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS
CARBON MONOXIDE, CARBON DIOXIDE, ACRID FUMES, FORMALDEHYDE, OXIDES OF SULFUR, TOXIC GASES, SMOKE AND SOOT.
OXIDES OF CALCIUM

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 WITH EXPLOSION-PROOF EQUIPMENT. USE NON-SPARKING TOOLS. EVACUATE ALL UNNECESSARY PERSONNEL. PLACE COLLECTED MATERIAL IN PROPER CONTAINER.
COMPLETE PERSONAL PROTECTIVE EQUIPMENT MUST BE USED DURING CLEANUP.
LARGE SPILLS - SHUT OFF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. PUMP TO STORAGE OR SALVAGE VESSELS. USE

SECTION 6 ACCIDENTAL RELEASE MEASURES

ABSORBENT TO PICK UP EXCESS RESIDUE. KEEP SALVAGEABLE MATERIAL AND RINSE WATER OUT OF SEWERS AND WATER COURSES. SMALL SPILLS -- USE ABSORBENT TO PICK UP RESIDUE AND DISPOSE OF PROPERLY.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE
STORE BELOW 80F. 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.
EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES.
GROUND EQUIPMENT WHEN TRANSFERRING TO PREVENT ACCUMULATION OF STATIC CHARGE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME :	LIMESTONE				
CAS NUMBER:	1317-65-3				
ACGIH(TWA):	10	MG/M3	OSHA(TWA):	5	MG/M3
COMMON NAME :	CLAY				
CAS NUMBER:	1332-58-7				
ACGIH(TWA):	2	MG/M3	OSHA(TWA):	5	MG/M3
COMMON NAME :	QUARTZ				
CAS NUMBER:	14808-60-7				
ACGIH(TWA):	.05	MG/M3	OSHA(TWA):	0.1	MG/M3
COMMON NAME :	MAGNESIUM CARBONATE				
CAS NUMBER:	546-93-0				
ACGIH(TWA):	10	MG/M3	OSHA(TWA):	5	MG/M3
COMMON NAME :	PETROLEUM HYDROCARBON				
CAS NUMBER:	64742-52-5				
ACGIH(TWA):	5	MG/M3	OSHA(TWA):	5	MG/M3
ACGIH(STEL):	10	MG/M3			
COMMON NAME :	LIGHT ALIPHATIC SOLVENT NAPHTHA (PETROLEUM)				
CAS NUMBER:	64742-89-8				
			OSHA(TWA):	300	PPM
COMMON NAME :	ACETONE				
CAS NUMBER:	67-64-1				
ACGIH(TWA):	500	PPM	OSHA(TWA):	.000	PPM
ACGIH(STEL):	750	PPM			
COMMON NAME :	ROSIN GLYCEROL ESTER				
CAS NUMBER:	8050-31-5				
ACGIH(TWA):	5	MG/M3			

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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.
USE EXPLOSION-PROOF EQUIPMENT. USE NON-SPARKING EQUIPMENT.

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:	1.451
BOILING RANGE:	133-185F/56- 85C	WEIGHT PER GALLON:	12.08/ 14.51IMP
%VOLATILE BY VOLUME:	31.59		
PHYSICAL STATE:	PASTE	APPEARANCE	TAN
SOLUBILITY IN WATER:	N	PH:	NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS
STABLE
SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID
OXIDIZERS, ACIDS, AMINES, NITRIC ACID, COMBUSTIBLE MATERIALS.
STYRENE MONOMER

CONDITIONS TO AVOID
ELEVATED TEMPERATURES, CONTACT WITH OXIDIZING AGENT, SPARKS, OPEN FLAME, IGNITION SOURCES.

HAZARDOUS POLYMERIZATION
WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : LIMESTONE
CAS NUMBER: 1317-65-3
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO
LD50: 6450.00 MG/KG ORL RAT

COMMON NAME : CLAY

SECTION 11: TOXICOLOGICAL INFORMATION

CAS NUMBER: 1332-58-7
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : QUARTZ
CAS NUMBER: 14808-60-7
CARCINOGENICITY LISTED BY: NTP YES IARC YES 1 OSHA NO ACGIH NO

COMMON NAME : MAGNESIUM CARBONATE
CAS NUMBER: 546-93-0
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO
LD50: 16.00 MG/KG ITR MOU

COMMON NAME : PETROLEUM HYDROCARBON
CAS NUMBER: 64742-52-5
CARCINOGENICITY LISTED BY: NTP NO IARC YES 1 OSHA NO ACGIH NO
LD50:>2000.00 MG/KG SKN RBT

COMMON NAME : LIGHT ALIPHATIC SOLVENT NAPHTHA (PETROLEUM)
CAS NUMBER: 64742-89-8
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO
LD50:> 3.16 GM/KG SKN RBT
LD50:> 5.00 GM/KG ORL RAT

COMMON NAME : ACETONE
CAS NUMBER: 67-64-1
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO
LD50: 5800.00 MG/KG ORL RAT
LD50:>9400.00 MG/KG SKN GPG

COMMON NAME : AROMATIC HYDROCARBON RESIN
CAS NUMBER: 68410-16-2
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : ROSIN GLYCEROL ESTER
CAS NUMBER: 8050-31-5
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : STYRENE-BUTADIENE POLYMER
CAS NUMBER: 9003-55-8
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

SUPPLEMENTAL HEALTH INFORMATION
CONTAINS A CHEMICAL THAT MAY BE ABSORBED THROUGH SKIN.
NOTICE - REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE TOXICITY TO CENTRAL NERVOUS SYSTEM.

CARCINOGENICITY CONTAINS CRYSTALLINE SILICA WHICH IS CONSIDERED A HAZARD BY INHALATION. IARC HAS CLASSIFIED CRYSTALLINE SILICA AS CARCINOGENIC TO HUMANS (GROUP 1). CRYSTALLINE SILICA IS ALSO A KNOWN CAUSE OF SILICOSIS, A NONCANCEROUS LUNG DISEASE. THE NATIONAL TOXICOLOGY PROGRAM (NTP) HAS CLASSIFIED CRYSTALLINE SILICA AS A KNOWN HUMAN CARCINOGEN.

SECTION 11: TOXICOLOGICAL INFORMATION

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 ICI PAINTS ON THIS PRODUCT AS A WHOLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT ADHESIVES,3,UN1133,PGIII

IMDG ADHESIVES,CLASS 3,UN1133,PGIII,LIMITED QUANTITY

IATA ADHESIVES,3,UN1133,PGIII

TDG NOT AVAILABLE

SECTION 15: REGULATORY INFORMATION

		SARA 302	SARA 313	CERCLA 302.4	HAZ AIR POLLUTANT	MARINE POLTNT
CAS NUMBER:	67-64-1	NO	NO	YES	NO	NO
COMMON NAME :	ACETONE					

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 ICI PAINTS BELIEVES TO BE RELIABLE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA. ICI PAINTS 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

SECTION 16: OTHER INFORMATION

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.