

SECTION 1

PRODUCT IDENTIFIER AHE90306TNO LN-903, LIQUID NAILS ADHESIVE,
MULTI-PURPOSE CONSTRUCTION ADHESIVE
DATE OF PREPARATION JANUARY 30, 2003
PRODUCT USE ADHESIVE/CAULK

MANUFACTURED BY: MACCO ADHESIVES, 925 EUCLID AVENUE,
CLEVELAND, OHIO 44115, U.S.A.
ICI PAINTS (CANADA), 8200 KEELE STREET,
CONCORD, ONTARIO L4K 2A5, CANADA

EMERGENCY AND MSDS TELEPHONE NUMBER:
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:	STYRENE BUTADIENE COPOLYMER STYRENE BUTADIENE DISPERSION CONFIDENTIAL	10-20
CHEMICAL NAME COMMON NAME : CAS NUMBER:	LIMESTONE LIMESTONE 1317-65-3	10-20
CHEMICAL NAME COMMON NAME : CAS NUMBER:	KAOLIN CLAY 1332-58-7	20-30
CHEMICAL NAME COMMON NAME : CAS NUMBER:	QUARTZ QUARTZ 14808-60-7	1-1.0
CHEMICAL NAME COMMON NAME : CAS NUMBER:	DISTILLATES, PETROLEUM, HYDROTREATED HEAVY NAPHTHEN PETROLEUM HYDROCARBON 64742-52-5	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	5-10
CHEMICAL NAME COMMON NAME : CAS NUMBER:	WATER WATER 7732-18-5	20-30
CHEMICAL NAME COMMON NAME : CAS NUMBER:	STODDARD SOLVENT MINERAL SPIRITS 8052-41-3	1-5

SECTION 3: HAZARDS IDENTIFICATION

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

EFFECTS OF OVEREXPOSURE

INHALATION PROLONGED INHALATION MAY LEAD TO DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION, LIVER DAMAGE, KIDNEY DAMAGE, LOSS OF CONSCIOUSNESS.

SKIN CONTACT IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING. SKIN CONTACT MAY RESULT IN DERMAL ABSORPTION OF COMPONENT(S) OF THIS PRODUCT WHICH MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

EYE CONTACT IRRITATION OF EYES. PROLONGED OR REPEATED CONTACT CAN CAUSE CONJUNCTIVITIS, TEARING OF EYES, REDNESS OF EYES.

INGESTION INGESTION MAY CAUSE LUNG INFLAMMATION AND DAMAGE DUE TO ASPIRATION OF MATERIAL INTO LUNGS, MOUTH AND THROAT IRRITATION, NAUSEA, VOMITING, DIARRHEA, GASTRO-INTESTINAL DISTURBANCES, ABDOMINAL PAIN, INTOXICATION, CONVULSIONS.

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

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.

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) ABOVE 200F/93C **LOWER EXPLOSIVE LIMIT** NOT AVAILABLE
UPPER EXPLOSIVE LIMIT 7.0 (%)

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

SECTION 5: FIRE-FIGHTING MEASURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

VAPORS CAN FORM EXPLOSIVE MIXTURES IN AIR AT ELEVATED TEMPERATURES.
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, STYRENE, 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. EVACUATE ALL UNNECESSARY PERSONNEL. PLACE COLLECTED MATERIAL IN PROPER CONTAINER.
LARGE SPILLS - SHUT OFF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. PUMP TO STORAGE OR SALVAGE VESSELS. USE 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. STORE BELOW 100F (30C). KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP FROM FREEZING. STORE ABOVE 20F (-7C).

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. 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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH (TWA) :	2	MG/M3	OSHA (TWA) :	5	MG/M3
COMMON NAME :	QUARTZ				
CAS NUMBER :	14800-60-7				
ACGIH (TWA) :	0.5	MG/M3	OSHA (TWA) :	0.1	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 :	MINERAL SPIRITS				
CAS NUMBER :	8052-41-3				
ACGIH (TWA) :	100	PPM	OSHA (TWA) :	500	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.
USE EXPLOSION-PROOF EQUIPMENT.

PERSONAL PROTECTIVE EQUIPMENT

EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES,
IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING, APRON, BOOTS.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NOT AVAILABLE	SPECIFIC GRAVITY:	1.381
BOILING RANGE:	212-396F/ -202C	WEIGHT PER GALLON:	11.50/ 13.81 LBS
%VOLATILE BY VOLUME:	39.10		
PHYSICAL STATE:	PASTE	APPEARANCE	WHITE
SOLUBILITY IN WATER:	Y	PH:	8.00

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS

STABLE
SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID

OXIDIZERS, ACIDS, BASES, METAL SALTS, METAL COMPOUNDS,
STYRENE MONOMER

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO AVOID

ELEVATED TEMPERATURES, CONTACT WITH OXIDIZING AGENTS,
FREEZING, SPARKS, OPEN FLAME, IGNITION SOURCES.

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : STYRENE BUTADIENE DISPERSION

CAS NUMBER: CONFIDENTIAL

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

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

CAS NUMBER: 1332-50-7

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : QUARTZ

CAS NUMBER: 14800-60-7

CARCINOGENICITY LISTED BY: NTP YES IARC YES 1 OSHA NO ACGIH NO

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 : AROMATIC HYDROCARBON RESIN

CAS NUMBER: 60410-16-2

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : MINERAL SPIRITS

CAS NUMBER: 8052-41-3

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50: > 3.00 GM/KG SKN RBT

LD50: > 5.00 GM/KG ORL RAT

SUPPLEMENTAL HEALTH INFORMATION

CONTAINS A CHEMICAL THAT IS MODERATELY TOXIC BY INHALATION.
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.

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 ICE PAINTS ON THIS PRODUCT AS A WHOLE.

 SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. AVOID DISCHARGE TO NATURAL WATERS.

 SECTION 14: TRANSPORT INFORMATION

DOT ADHESIVE

IMDG NOT AVAILABLE

IATA NOT AVAILABLE

TDG NOT AVAILABLE

 SECTION 15: REGULATORY INFORMATION

SARA 302 SARA 313 CERCLA 302.4 HAZ AIR POLLUTANT MARINE POLLUTANT

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 TCI POINTS BELIEVES TO BE RELIABLE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA. TCI POINTS SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS INFORMATION, OR OF ANY PRODUCT, METHOD OR APPARATUS RECOMMENDED 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 29CFR1910.1209.