

(11020)

4508.00900 TRUGLAZE EPXGL CLBASE 18.9L

SECTION 1

PRODUCT IDENTIFIER 4508.00900 TRUGLAZE EPXGL CLBASE 18.9L
 COATING - NEUTRAL TINT BASE (COMP. A)
 DATE OF PREPARATION NOVEMBER 30, 2012
 PRODUCT USE PROTECTIVE COATING
 MANUFACTURED BY: AKZO NOBEL PAINTS LLC, 15885 WEST SPRAGUE ROAD,
 STRONGSVILLE, OHIO 44136, U.S.A
 AKZO NOBEL CANADA INC., 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 PAINTS LLC

APPROVED MATERIAL

APR 01 2013

MSDS # 11020

APPROVED BY *Cheryl P. O'Q*

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	WT. %:
CHEMICAL NAME LIMESTONE	40-50
COMMON NAME : LIMESTONE	
CAS NUMBER: 1317-65-3	
CHEMICAL NAME BENZENE, DIMETHYL-	20-30
COMMON NAME : XYLENE	
CAS NUMBER: 1330-20-7	
CHEMICAL NAME ETHANOL, 2-PROPOXY-	1-5
COMMON NAME : ETHYLENE GLYCOL MONOPROPYL ETHER	
CAS NUMBER: 2807-30-9	
CHEMICAL NAME SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC	1-5
COMMON NAME : LIGHT AROMATIC SOLVENT NAPHTHA	
CAS NUMBER: 64742-95-6	
CHEMICAL NAME FATTY ACIDS, C18-UNSATURATED, DIMERS, POLYMERS WITH TALL-OIL FATTY ACIDS AND TRIETHYLENETETRAMINE	20-30
COMMON NAME : POLYAMIDE RESIN	
CAS NUMBER: 68082-29-1	
CHEMICAL NAME QUATERNARY AMMONIUM COMPOUNDS, BIS(HYDROGENATED TALLOW ALKYL)DIMETHYL, SALTS WITH MONTMORILLONITE	1-5
COMMON NAME : QUATERNARY AMMONIUM COMPOUND	
CAS NUMBER: 68911-87-5	
CHEMICAL NAME NAPHTHALENE	.1-1.0
COMMON NAME : NAPHTHALENE	
CAS NUMBER: 91-20-3	

SECTION 3: HAZARDS IDENTIFICATION

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

EFFECTS OF OVEREXPOSURE

INHALATION PROLONGED INHALATION MAY LEAD TO LOSS OF APPETITE, MUCOUS MEMBRANE IRRITATION, FATIGUE, DROWSINESS, DIZZINESS AND/OR LIGHTEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, BLURRED VISION, DIFFICULTY WITH SPEECH, CENTRAL NERVOUS SYSTEM DEPRESSION, INTOXICATION, ANESTHETIC EFFECT OR NARCOSIS, DIFFICULTY OF BREATHING, BLOOD ABNORMALITIES, TREMORS, LIVER DAMAGE, KIDNEY DAMAGE, SPLEEN DAMAGE, PULMONARY EDEMA, LOSS OF CONSCIOUSNESS, RESPIRATORY FAILURE, ASPHYXIATION, DEATH.

SKIN CONTACT IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING, BLISTERING, ALLERGIC RESPONSE. POSSIBLE SENSITIZATION TO SKIN. SKIN CONTACT MAY RESULT IN DERMAL ABSORPTION OF COMPONENT(S) OF THIS PRODUCT WHICH MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, BLOOD ABNORMALITIES, LIVER DAMAGE, KIDNEY DAMAGE.

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

INGESTION EYES, SEVERE EYE IRRITATION, SEVERE EYE IRRITATION OR BURNS. INGESTION MAY CAUSE LUNG INFLAMMATION AND DAMAGE DUE TO ASPIRATION OF MATERIAL INTO LUNGS, NAUSEA, VOMITING, DIARRHEA, GASTRO-INTESTINAL DISTURBANCES, ABDOMINAL PAIN, CENTRAL NERVOUS SYSTEM DEPRESSION, BLOOD ABNORMALITIES, LIVER DAMAGE, KIDNEY DAMAGE, PULMONARY EDEMA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
EYE, SKIN, RESPIRATORY DISORDERS, KIDNEY DISORDERS, LIVER 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)	80 F./ 27 C.	LOWER EXPLOSIVE LIMIT	1.2	(%)
		UPPER EXPLOSIVE LIMIT	15.8	(%)

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.
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.
SELF-CONTAINED BREATHING APPARATUS RECOMMENDED.

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, PEROXIDES, TOXIC GASES.
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.
VENTILATE AREA WITH EXPLOSION-PROOF EQUIPMENT. SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS. USE NON-SPARKING TOOLS. EVACUATE ALL UNNECESSARY PERSONNEL. 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
 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.
 KEEP AWAY FROM DIRECT SUNLIGHT, HEAT AND ALL SOURCES OF
 IGNITION.

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 : XYLENE

CAS NUMBER: 1330-20-7

ACGIH(TWA): 100 PPM OSHA(TWA): 100 PPM

ACGIH(STEL): 150 PPM

COMMON NAME : LIGHT AROMATIC SOLVENT NAPHTHA

CAS NUMBER: 64742-95-6

OSHA(TWA): 500X PPM

COMMON NAME : NAPHTHALENE

CAS NUMBER: 91-20-3

ACGIH(TWA): SKIN 10 PPM OSHA(TWA): 10 PPM

ACGIH(STEL): 15 PPM

X AS PETROLEUM DISTILLATES

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, BOOTS.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: NOT AVAILABLE SPECIFIC GRAVITY: 1.296

BOILING RANGE (F/C): 275-410/135-210 WEIGHT PER GALLON: 10.80/ 12.97IMP

%VOLATILE BY VOLUME: 42.04

PHYSICAL STATE: LIQUID APPEARANCE CLEAR

SOLUBILITY IN WATER: NOT AVAILABLE PH: NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS

STABLE

SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID

OXIDIZERS, ACIDS, BASES, AMINES, AMMONIUM SALTS, NITRIC ACID.

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 : XYLENE

CAS NUMBER: 1330-20-7

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

LD50:>1700.00 MG/KG SKN RBT

LD50: 4300.00 MG/KG ORL RAT

LC50: 5000.00 PPM/4HR IHL RAT

COMMON NAME : ETHYLENE GLYCOL MONOPROPYL ETHER

CAS NUMBER: 2807-30-9

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

LD50: 3089.00 MG/KG ORL RAT

LD50: 1337.00 MG/KG SKN RBT

LC50: 1530.00 PPM IHL MOU

COMMON NAME : LIGHT AROMATIC SOLVENT NAPHTHA

CAS NUMBER: 64742-95-6

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

LD50:> 5.00 GM/KG ORL RAT

LC50:>3670.00 PPM IHL RAT

COMMON NAME : POLYAMIDE RESIN

CAS NUMBER: 68082-29-1

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

LD50:>5000.00 MG/KG ORL RAT

COMMON NAME : QUATERNARY AMMONIUM COMPOUND

CAS NUMBER: 68911-87-5

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

COMMON NAME : NAPHTHALENE

CAS NUMBER: 91-20-3

CARCINOGENICITY LISTED BY: NTP YES IARC YES 2B OSHA NO ACGIH NO

LD50: 490.00 MG/KG ORL RAT

LD50:> 20.00 GM/KG SKN RBT

LD50: 316.00 MG/KG ORL MOU

LD50: 100.00 MG/KG ITR MOU

LC50:> 340.00 MG/M3 IHL RAT

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 LIVER, KIDNEY, LUNGS, CENTRAL NERVOUS SYSTEM, BLOOD, SPLEEN.

CARCINOGENICITY

IN A 2 YEAR INHALATION STUDY CONDUCTED BY THE NATIONAL TOXICOLOGY PROGRAM (NTP), EXPOSURE TO NAPHTHALENE VAPOR PRODUCED NASAL TUMORS IN RATS. THE RELEVANCE OF THESE RESULTS TO HUMANS IS UNKNOWN. NAPHTHALENE HAS BEEN LISTED IN NTP'S REPORT ON CARCINOGENS, ELEVENTH EDITION AS

REASONABLY ANTICIPATED TO BE A HUMAN CARCINOGEN. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS DETERMINED THAT THERE IS SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY OF NAPHTHALENE IN EXPERIMENTAL ANIMALS AND INADEQUATE EVIDENCE FOR THE CARCINOGENICITY OF NAPHTHALENE IN HUMANS. THE OVERALL IARC EVALUATION IS GROUP 2B, POSSIBLY CARCINOGENIC TO HUMANS.

REPRODUCTIVE EFFECTS

HIGH EXPOSURES TO XYLENE IN SOME ANIMAL STUDIES, OFTEN AT MATERNALLY TOXIC LEVELS, HAVE AFFECTED EMBRYO/FETAL DEVELOPMENT. THE SIGNIFICANCE OF THIS FINDING TO HUMANS IS NOT KNOWN.

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 PAINTS LLC 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 UN1263, PAINT, 3, PGIII
 IMDG UN1263, PAINT, 3, PGIII, LIMITED QUANTITY
 IATA UN1263, PAINT, 3, PGIII
 TDG NOT AVAILABLE

SECTION 15: REGULATORY INFORMATION

		SARA	SARA	CERCLA	HAZ AIR	MARINE
		302	313	302.4	POLLUTANT	POLTNT
CAS NUMBER:	1330-20-7	NO	YES	YES	YES	NO
COMMON NAME :	XYLENE					
CAS NUMBER:	2807-30-9	NO	YES	NO	YES	NO
COMMON NAME :	ETHYLENE GLYCOL MONOPROPYL ETHER					
CAS NUMBER:	91-20-3	NO	YES	YES	YES	
COMMON NAME :	NAPHTHALENE					

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