

SIK16003 LOG PRE-TREATMENT

SECTION 1

PRODUCT IDENTIFIER SIK16003 LOG PRE-TREATMENT
DATE OF PREPARATION APRIL 8, 2010
PRODUCT USE PROTECTIVE COATING
MANUFACTURED BY: AKZO NOBEL PAINTS LLC, 15885 WEST SPRAGUE ROAD,
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EMERGENCY AND MSDS TELEPHONE NUMBER:
1-800-545-2643
MSDS PREPARED BY: PRODUCT SAFETY AND COMPLIANCE DEPARTMENT
AKZO NOBEL PAINTS LLC

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	WT. %:
CHEMICAL NAME GLYCOL ETHER	1-5
COMMON NAME : GLYCOL ETHER	
CAS NUMBER: CONFIDENTIAL	
CHEMICAL NAME MODIFIED LINSEED OIL	5-10
COMMON NAME : MODIFIED OIL	
CAS NUMBER: CONFIDENTIAL	
CHEMICAL NAME ETHANOL, 2-BUTOXY-	5-10
COMMON NAME : 2-BUTOXYETHANOL	
CAS NUMBER: 111-76-2	
CHEMICAL NAME WATER	80-90
COMMON NAME : WATER	
CAS NUMBER: 7732-18-5	

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF EXPOSURE

INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.

EFFECTS OF OVEREXPOSURE

INHALATION PROLONGED INHALATION MAY LEAD TO MUCOUS MEMBRANE IRRITATION, FATIGUE, DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, NAUSEA, VOMITING, DIARRHEA, CENTRAL NERVOUS SYSTEM DEPRESSION, ANESTHETIC EFFECT OR NARCOSIS, DIFFICULTY OF BREATHING, BLOOD ABNORMALITIES, TREMORS,

LIVER DAMAGE, KIDNEY DAMAGE, DEATH.

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 FATIGUE, DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, NAUSEA, VOMITING, DIARRHEA, CENTRAL NERVOUS SYSTEM DEPRESSION, LIVER DAMAGE, KIDNEY DAMAGE.

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

INGESTION INGESTION MAY CAUSE FATIGUE, DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, NAUSEA, VOMITING, DIARRHEA, GASTRO-INTESTINAL DISTURBANCES, CENTRAL NERVOUS SYSTEM DEPRESSION, ANESTHETIC EFFECT OR NARCOSIS, LIVER DAMAGE, KIDNEY DAMAGE, PULMONARY EDEMA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
LUNG DISORDERS, KIDNEY 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) NONE LOWER EXPLOSIVE LIMIT NOT AVAILABLE
UPPER EXPLOSIVE LIMIT 10.9 (%)

FIRE EXTINGUISHING MEDIA

DRY CHEMICAL OR FOAM

WATER FOG.

CARBON DIOXIDE.

UNUSUAL FIRE AND EXPLOSION HAZARDS

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.

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE.

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. 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 100F (38C). KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP FROM FREEZING.

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 : 2-BUTOXYETHANOL

CAS NUMBER: 111-76-2

ACGIH(TWA): 20 PPM OSHA(TWA): 50 PPM
OSHA((SKIN) : SKIN CEILING: SUPP REC STD.: NOT AVAILABLE

SKIN - DENOTES THAT ADDITIONAL EXPOSURE, OVER AND ABOVE
AIRBORNE EXPOSURE, MAY RESULT FROM SKIN ABSORPTION.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: NOT AVAILABLE SPECIFIC GRAVITY: 1.002
BOILING RANGE (F/C): 212-343/100-173 WEIGHT PER GALLON: 8.34/ 10.02IMP
%VOLATILE BY VOLUME: 90.17
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, CAUSTICS.

CONDITIONS TO AVOID

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

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : GLYCOL ETHER

CAS NUMBER: CONFIDENTIAL

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

COMMON NAME : 2-BUTOXYETHANOL

CAS NUMBER: 111-76-2

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH YES A3

LD50: 470.00 MG/KG ORL RAT

LD50: 1230.00 MG/KG ORL MOU

LD50: 220.00 MG/KG SKN RBT

LD50: 230.00 MG/KG SKN GPG

LC50: 450.00 PPM/4HR IHL RAT

SUPPLEMENTAL HEALTH INFORMATION

CONTAINS A CHEMICAL THAT IS TOXIC BY INGESTION.

CONTAINS A CHEMICAL THAT IS TOXIC BY INHALATION.

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, CENTRAL NERVOUS SYSTEM, BLOOD.

CARCINOGENICITY IN A 2-YEAR INHALATION BIOASSAY CONDUCTED BY THE NATIONAL TOXICOLOGY PROGRAM (NTP), ETHYLENE GLYCOL BUTYL ETHER (EGBE) CAUSED AN INCREASED INCIDENCE OF LIVER TUMORS IN MALE MICE AND FORESTOMACH TUMORS IN FEMALE MICE EXPOSED TO 250 PPM, THE HIGHEST CONCENTRATION TESTED WITH MICE. IN RATS, AN INCREASED INCIDENCE OF TUMORS AFFECTING THE ADRENAL GLAND WAS SEEN IN FEMALES EXPOSED AT 125 PPM ONLY. THIS FINDING WAS NOT STATISTICALLY SIGNIFICANT. NO INCREASED INCIDENCE OF ANY TUMOR TYPE WAS SEEN IN MALE RATS EXPOSED TO THE HIGHEST TEST CONCENTRATION OF 125PPM.

THE RELEVANCE OF THESE FINDINGS TO HUMANS IS UNCLEAR.

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 PAINTS LLC ON THIS PRODUCT AS A WHOLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT PAINT ** PROTECT FROM FREEZING **
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

CAS NUMBER: 111-76-2 NO YES NO NO NO

COMMON NAME : 2-BUTOXYETHANOL

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.