

SIK31996 CETOL LOG DECOR 996

SECTION 1

PRODUCT IDENTIFIER SIK31996 CETOL LOG DECOR 996
 DATE OF PREPARATION APRIL 8, 2010
 PRODUCT USE PROTECTIVE COATING
 MANUFACTURED BY: AKZO NOBEL PAINTS LLC, 15885 WEST SPRAGUE ROAD,
 STRONGSVILLE, OHIO 44136, 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 COMPLIANCE DEPARTMENT
 AKZO NOBEL PAINTS LLC

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	WT. %:	
CHEMICAL NAME STYRENE ACRYLIC COPOLYMER		10-20
COMMON NAME : STYRENE ACRYLIC COPOLYMER		
CAS NUMBER: CONFIDENTIAL		
CHEMICAL NAME URETHANE ACRYLIC RESIN		1-5
COMMON NAME : URETHANE ACRYLIC RESIN		
CAS NUMBER: CONFIDENTIAL		
CHEMICAL NAME ETHANOL, 2,2'-OXYBIS-		1-5
COMMON NAME : DIETHYLENE GLYCOL		
CAS NUMBER: 111-46-6		
CHEMICAL NAME TITANIUM OXIDE		1-5
COMMON NAME : TITANIUM DIOXIDE		
CAS NUMBER: 13463-67-7		
CHEMICAL NAME TALC	.1-1.0	
COMMON NAME : TALC		
CAS NUMBER: 14807-96-6		
CHEMICAL NAME 2-PROPANOL,1-(2-BUTOXY-1-METHYLETHOXY)-		1-5
COMMON NAME : DIPROPYLENE GLYCOL BUTYL ETHER		
CAS NUMBER: 29911-28-2		
CHEMICAL NAME PROPANOL, (2-METHOXYMETHYLETHOXY)-		1-5
COMMON NAME : DPG MONOMETHYL ETHER		
CAS NUMBER: 34590-94-8		
CHEMICAL NAME C.I. PIGMENT YELLOW 42		1-5
COMMON NAME : YELLOW IRON OXIDE		
CAS NUMBER: 51274-00-1		

CHEMICAL NAME 1,2-PROPANEDIOL 1-5
COMMON NAME : PROPYLENE GLYCOL
CAS NUMBER: 57-55-6
CHEMICAL NAME SILICA 1-5
COMMON NAME : AMORPHOUS SILICA
CAS NUMBER: 7631-86-9
CHEMICAL NAME WATER 50-60
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 DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, COUGHING, CENTRAL NERVOUS SYSTEM DEPRESSION, ANESTHETIC EFFECT OR NARCOSIS, LIVER DAMAGE.

SKIN CONTACT IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING. POSSIBLE SENSITIZATION TO SKIN. SKIN CONTACT MAY RESULT IN DERMAL ABSORPTION OF COMPONENT(S) OF THIS PRODUCT WHICH MAY CAUSE DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION, ANESTHETIC EFFECT OR NARCOSIS, KIDNEY DAMAGE.

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

INGESTION INGESTION MAY CAUSE MOUTH AND THROAT IRRITATION, DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, DIARRHEA, GASTRO-INTESTINAL DISTURBANCES, ABDOMINAL PAIN, CENTRAL NERVOUS SYSTEM DEPRESSION, INTOXICATION, DIFFICULTY OF BREATHING, ABNORMAL BLOOD PRESSURE, LIVER DAMAGE, KIDNEY DAMAGE, PULMONARY EDEMA, CONVULSIONS, LOSS OF CONSCIOUSNESS, CYANOSIS.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

EYE, SKIN, RESPIRATORY 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.

REMOVE TO FRESH AIR IF INHALATION CAUSES EYE WATERING, HEADACHES, DIZZINESS, OR OTHER DISCOMFORT.

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.

DISPOSE OF CONTAMINATED LEATHER ITEMS, SUCH AS SHOES AND BELTS.

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 12.6 (%)

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 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.

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, TOXIC GASES.
PROPIONALDEHYDE.

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. SPILLS

MAY BE COLLECTED WITH ABSORBENT MATERIALS. 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 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. EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES. GROUND EQUIPMENT WHEN TRANSFERRING TO PREVENT ACCUMULATION OF STATIC CHARGE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME : TITANIUM DIOXIDE

CAS NUMBER: 13463-67-7

ACGIH(TWA): 10 MG/M3 OSHA(TWA): 10 MG/M3

COMMON NAME : TALC

CAS NUMBER: 14807-96-6

ACGIH(TWA): 2 MG/M3 OSHA(TWA): .1 MG/M3

COMMON NAME : DPG MONOMETHYL ETHER

CAS NUMBER: 34590-94-8

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

ACGIH(STEL): 150 PPM

OSHA((SKIN)) : SKIN CEILING: SUPP REC STD.: NOT AVAILABLE

COMMON NAME : YELLOW IRON OXIDE

CAS NUMBER: 51274-00-1

ACGIH(TWA): 5 MG/M3 OSHA(TWA): 10 MG/M3

COMMON NAME : AMORPHOUS SILICA

CAS NUMBER: 7631-86-9

ACGIH(TWA): 10 MG/M3 OSHA(TWA): 6 MG/M3

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, FACE SHIELD, APRON.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: NOT AVAILABLE SPECIFIC GRAVITY: 1.068
BOILING RANGE (F/C): 212-380/100-193 WEIGHT PER GALLON: 8.89/ 10.68IMP
%VOLATILE BY VOLUME: 75.05
PHYSICAL STATE: LIQUID APPEARANCE YELLOW
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, REDUCING AGENTS, BASES, HALOGENS, NITRIC ACID, HYDROFLUORIC ACID, COMBUSTIBLE MATERIALS, HYDROXYL CONTAINING COMPOUNDS.

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 : URETHANE ACRYLIC RESIN

CAS NUMBER: CONFIDENTIAL

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

COMMON NAME : DIETHYLENE GLYCOL

CAS NUMBER: 111-46-6

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

LD50: 12.56 GM/KG ORL RAT

LD50: 23.70 GM/KG ORL MOU

LD50: 11.89 GM/KG SKN RBT

COMMON NAME : TITANIUM DIOXIDE

CAS NUMBER: 13463-67-7

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

LD50: 24.00 GM/KG ORL RAT

LC50: 6820.00 MG/M3/4HR IHL RAT

COMMON NAME : TALC

CAS NUMBER: 14807-96-6

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH YES A4

COMMON NAME : DIPROPYLENE GLYCOL BUTYL ETHER

CAS NUMBER: 29911-28-2

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

LD50:>2000.00 MG/KG SKN RBT

LD50: 4400.00 MG/KG ORL RAT

COMMON NAME : DPG MONOMETHYL ETHER

CAS NUMBER: 34590-94-8

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

LD50: 5.40 ML/KG ORL RAT

LD50: 10.00 ML/KG SKN RBT

COMMON NAME : YELLOW IRON OXIDE

CAS NUMBER: 51274-00-1

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

LD50:> 10.00 GM/KG ORL RAT

COMMON NAME : PROPYLENE GLYCOL

CAS NUMBER: 57-55-6

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

LD50: 20.00 GM/KG ORL RAT

LD50: 20.80 GM/KG SKN RBT

COMMON NAME : AMORPHOUS SILICA

CAS NUMBER: 7631-86-9

CARCINOGENICITY LISTED BY: NTP NO IARC YES 3 OSHA NO ACGIH NO

LD50:>5000.00 MG/KG ORL RAT

LD50:>2000.00 MG/KG SKN RBT

LC50:> 2.20 MG/L/HR 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.

CONTAINS IRON OXIDE, REPEATED OR PROLONGED EXPOSURE TO IRON
OXIDE DUST MAY CAUSE SIDEROSIS, A BENIGN PNEUMOCONIOSIS.
OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE TOXICITY TO LIVER,
KIDNEY, CENTRAL NERVOUS SYSTEM, REPRODUCTIVE SYSTEM.

CARCINOGENICITY INHALATION OF NON-ASBESTIFORM COSMETIC GRADE TALC FOR
2 YEARS AT 6 AND 18 MG/M3 PRODUCED CLEAR EVIDENCE OF
CARCINOGENICITY IN FEMALE RATS (LUNG AND ADRENAL TUMORS) AND
SOME EVIDENCE OF CARCINOGENICITY IN MALE RATS (ADRENAL
TUMORS). NO EVIDENCE OF CARCINOGENICITY WAS DEMONSTRATED IN
MALE AND FEMALE MICE EXPOSED UNDER THE SAME CONDITIONS.
MICROSCOPIC EXAMINATION OF THE LUNGS OF RATS AND MICE
EXPOSED TO TALC REVEALED ADDITIONAL EXPOSURE RELATED EFFECTS
PRIMARILY ASSOCIATED WITH THE INFLAMMATORY RESPONSE.

IN A LIFETIME INHALATION STUDY, EXPOSURE TO 250 MG/M3
TITANIUM DIOXIDE RESULTED IN THE DEVELOPMENT OF LUNG TUMORS
IN RATS. THESE TUMORS OCCURRED ONLY AT DUST LEVELS THAT
OVERWHELMED THE ANIMALS' LUNG CLEARANCE MECHANISMS AND WERE
DIFFERENT FROM COMMON HUMAN LUNG TUMORS IN BOTH TYPE AND
LOCATION. THE RELEVANCE OF THESE FINDINGS TO HUMANS IS
UNKNOWN BUT QUESTIONABLE.

THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC)
HAS CLASSIFIED TITANIUM DIOXIDE AS POSSIBLY CARCINOGENIC
TO HUMANS (GROUP 2B) BASED ON INADEQUATE EVIDENCE OF
CARCINOGENICITY IN HUMANS AND SUFFICIENT EVIDENCE OF
CARCINOGENICITY IN EXPERIMENTAL ANIMALS.

REPRODUCTIVE EFFECTS

A STUDY CONDUCTED BY NTP, USING A CONTINUOUS BREEDING
PROTOCOL, DEMONSTRATED THAT DIETHYLENE GLYCOL IN DRINKING
WATER AT A CONCENTRATION OF 3.5% (6.1 G/KG/DAY) RESULTED IN
DECREASED FERTILITY AND REPRODUCTIVE PERFORMANCE IN MICE.
THESE EFFECTS WERE NOT SEEN IN THE LOWER DOSE LEVELS
EVALUATED. SINCE THE EXPOSURE RESULTING FROM INCIDENTAL
CONTACT IS LIKELY TO BE LOWER BY SEVERAL DEGREES OF
MAGNITUDE AND THE ROUTE OF EXPOSURE USED IN THIS STUDY DOES
NOT REFLECT A LIKELY ROUTE FROM OCCUPATIONAL OR CONSUMER USE
THE SIGNIFICANCE OF THESE FINDINGS TO HUMANS IS UNCERTAIN.

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	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

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 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.