

GL 1001

PAGE 1

-----  
SECTION 1  
-----

PRODUCT IDENTIFIER GL 1001 GLIDDEN TINTABLE TESTER-BASE 1  
DATE OF PREPARATION DECEMBER 13, 2010  
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

-----  
SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS  
-----

INGREDIENT	WT. %:
CHEMICAL NAME : LIMESTONE COMMON NAME : LIMESTONE CAS NUMBER : 1317-65-3	5-10
CHEMICAL NAME : KAOLIN COMMON NAME : CLAY CAS NUMBER : 1332-58-7	1-5
CHEMICAL NAME : TITANIUM OXIDE COMMON NAME : TITANIUM DIOXIDE CAS NUMBER : 13463-67-7	10-20
CHEMICAL NAME : 2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHENYL ACETATE COMMON NAME : VINYL ACRYLIC LATEX CAS NUMBER : 25067-01-0	10-20
CHEMICAL NAME : PROPANOIC ACID, 2-METHYL-, MONOESTER WITH 2,2,4-TRIMETHYL-1,3-PENTANEDIOL COMMON NAME : TEXANOL	1-5

GL 1001

PAGE 2

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NUMBER: 25265-77-4

CHEMICAL NAME CERAMIC MATERIALS AND WARES, CHEMICALS  
COMMON NAME : CALCINED KAOLIN CLAY  
CAS NUMBER: 66402-68-4

1-5

CHEMICAL NAME WATER  
COMMON NAME : WATER  
CAS NUMBER: 7732-18-5

40-50

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 CHEST PAIN, COUGHING, DIFFICULTY OF BREATHING,  
PNEUMOCONIOSIS.

SKIN CONTACT IRRITATION OF SKIN.

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

INGESTION INGESTION MAY CAUSE MOUTH AND THROAT IRRITATION, NAUSEA,  
GASTRO-INTESTINAL DISTURBANCES, ABDOMINAL PAIN.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

EYE, SKIN, RESPIRATORY DISORDERS, LUNG DISORDERS.

GL 1001

PAGE 3

-----  
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.

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 NOT AVAILABLE

FIRE EXTINGUISHING MEDIA

DRY CHEMICAL OR FOAM  
WATER FOG.  
CARBON DIOXIDE.

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE.  
IN CLOSED TANKS, WATER OR FOAM MAY CAUSE FROTHING OR ERUPTION.

GL 1001

PAGE 4

-----  
SECTION 5: FIRE-FIGHTING MEASURES  
-----

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,  
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.

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 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.

GL 1001

PAGE 5

-----  
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 : TITANIUM DIOXIDE  
CAS NUMBER: 13463-67-7  
ACGIH (TWA) : 10 MG/M3 OSHA (TWA) : 10 MG/M3

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.

GL 1001 PAGE 6

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NOT AVAILABLE	SPECIFIC GRAVITY:	1.399
BOILING RANGE (F/C):	212-501/100-261	WEIGHT PER GALLON:	11.65/ 13.99IMP
%VOLATILE BY VOLUME:	63.13		
PHYSICAL STATE:	LIQUID	APPEARANCE	WHITE
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, AMMONIUM SALTS.  
STYRENE MONOMER.

CONDITIONS TO AVOID

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

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

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

GL 1001

PAGE 7

-----  
 SECTION 11: TOXICOLOGICAL INFORMATION  
 -----

LC50: 6820.00 MG/M3/4HR IHL RAT

COMMON NAME : VINYL ACRYLIC LATEX

CAS NUMBER: 25067-01-0

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

COMMON NAME : TEXANOL

CAS NUMBER: 25265-77-4

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

LD50: 3200.00 MG/KG ORL RAT

LD50:&gt; 20.00 ML/KG SKN GPG

COMMON NAME : CALCINED KAOLIN CLAY

CAS NUMBER: 66402-68-4

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

## SUPPLEMENTAL HEALTH INFORMATION

NO ADDITIONAL EFFECTS ARE ANTICIPATED

## CARCINOGENICITY

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

NO REPRODUCTIVE EFFECTS ARE ANTICIPATED

GL 1001

PAGE 7

-----  
SECTION 11: TOXICOLOGICAL INFORMATION  
-----

LC50: 6820.00 MG/M3/4HR IHL RAT

COMMON NAME : VINYL ACRYLIC LATEX  
CAS NUMBER: 25067-01-0

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

COMMON NAME : TEXANOL  
CAS NUMBER: 25265-77-4

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

LD50: 3200.00 MG/KG ORL RAT  
LD50:> 20.00 ML/KG SKN GPG

COMMON NAME : CALCINED KAOLIN CLAY

CAS NUMBER: 66402-68-4

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

SUPPLEMENTAL HEALTH INFORMATION

NO ADDITIONAL EFFECTS ARE ANTICIPATED

CARCINOGENICITY

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

NO REPRODUCTIVE EFFECTS ARE ANTICIPATED



GL 1001

PAGE 8

-----  
SECTION 11: TOXICOLOGICAL INFORMATION  
-----

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 POLLTNT

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.

GL 1001

PAGE 9

-----  
SECTION 15: REGULATORY INFORMATION  
-----

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.