

(11203)

4180-9990 DEVGUARD QD UNIV.PRIMER-BLACK

SECTION 1

PRODUCT IDENTIFIER 4180-9990 DEVGUARD QD UNIV.PRIMER-BLACK
 PRI

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 # 11203

APPROVED BY Cherry P.O.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

	INGREDIENT	WT. %:
CHEMICAL NAME	ALKYD RESIN	5-10
COMMON NAME :	ALKYD RESIN	
CAS NUMBER:	CONFIDENTIAL	
CHEMICAL NAME	LIMESTONE	40-50
COMMON NAME :	LIMESTONE	
CAS NUMBER:	1317-65-3	
CHEMICAL NAME	TITANIUM OXIDE	10-20
COMMON NAME :	TITANIUM DIOXIDE	
CAS NUMBER:	13463-67-7	
CHEMICAL NAME	TALC	5-10
COMMON NAME :	TALC	
CAS NUMBER:	14807-96-6	
CHEMICAL NAME	NEODECANOIC ACID, COBALT SALT	.1-1.0
COMMON NAME :	COBALT NEODECANOATE	
CAS NUMBER:	27253-31-2	
CHEMICAL NAME	PETROLEUM RESINS	5-10
COMMON NAME :	PETROLEUM HYDROCARBON RESIN	
CAS NUMBER:	64742-16-1	
CHEMICAL NAME	STODDARD SOLVENT	20-30
COMMON NAME :	MINERAL SPIRITS	
CAS NUMBER:	8052-41-3	

SECTION 3: HAZARDS IDENTIFICATION

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

EFFECTS OF OVEREXPOSURE

INHALATION PROLONGED INHALATION MAY LEAD TO DIZZINESS AND/OR
 LIGHTEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING,
 COUGHING, CENTRAL NERVOUS SYSTEM DEPRESSION, DIFFICULTY OF
 BREATHING, ALLERGIC RESPONSE, LIVER DAMAGE, KIDNEY DAMAGE,
 LOSS OF CONSCIOUSNESS. POSSIBLE SENSITIZATION TO
 RESPIRATORY TRACT.

SKIN CONTACT IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE
 DERMATITIS, DEFATTING.

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, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING,
 GASTRO-INTESTINAL DISTURBANCES, ABDOMINAL PAIN, CENTRAL
 NERVOUS SYSTEM DEPRESSION, DIFFICULTY OF BREATHING,
 CONVULSIONS, LOSS OF CONSCIOUSNESS.

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

SECTION 4: FIRST-AID MEASURES

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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) 105 F./ 41 C. 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 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.
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.
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 100F (38C). KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.

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.

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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 : 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 : PETROLEUM HYDROCARBON RESIN
CAS NUMBER: 64742-16-1
ACGIH (TWA): 10 MG/M3 OSHA (TWA): 15 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: NOT AVAILABLE SPECIFIC GRAVITY: 1.490
BOILING RANGE (F/C): NOT AVAILABLE WEIGHT PER GALLON: 12.41/ 14.90IMP
%VOLATILE BY VOLUME: NOT DETERMINED
PHYSICAL STATE: LIQUID APPEARANCE: BLACK
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, AMMONIUM SALTS.

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 : TITANIUM DIOXIDE

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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 : COBALT NEODECANOATE
 CAS NUMBER: 27253-31-2
 CARCINOGENICITY LISTED BY: NTP NO IARC YES 2B OSHA NO ACGIH NO
 COMMON NAME : PETROLEUM HYDROCARBON RESIN
 CAS NUMBER: 64742-16-1
 CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO
 LD50: 7.00 GM/KG ORL MAM
 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

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

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. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS CLASSIFIED COBALT AND CERTAIN COBALT COMPOUNDS AS POSSIBLY CARCINOGENIC TO HUMANS (GROUP 2B). INJECTION OF METALLIC COBALT, COBALT ALLOYS, AND CERTAIN COBALT COMPOUNDS HAS RESULTED IN THE DEVELOPMENT OF LOCALIZED TUMORS IN LABORATORY ANIMALS. 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. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS CLASSIFIED INHALED TALC NOT CONTAINING ASBESTOS OR ASBESTIFORM FIBRES AS NOT CLASSIFIABLE TO ITS CARCINOGENICITY (GROUP 3). PERINEAL USE OF TALC-BASED BODY POWDER IS POSSIBLY CARCINOGENIC TO HUMANS (GROUP 2B).

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. AVOID DISCHARGE TO NATURAL WATERS.

SECTION 14: TRANSPORT INFORMATION

DOT	UN1263, PAINT, COMBUSTIBLE LIQUID, PGIII
IMDG	UN1263, PAINT, 3, PGIII, LIMITED QUANTITY
IATA	NOT AVAILABLE
TDG	NOT AVAILABLE

SECTION 15: REGULATORY INFORMATION

	SARA	SARA	CERCLA	HAZ	AIR	MARINE
	302	313	302.4	POLLUTANT	POLTNT	
CAS NUMBER:	27253-31-2	NO	YES	NO	YES	NO
COMMON NAME :	COBALT NEODECANOATE					

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.