

**MATERIAL SAFETY DATA SHEET**

**Company Name:** SHERWIN-WILLIAMS  
**Address:** 31500 SOLON RD  
**City / State / Zip:** SOLON / OH / 44139  
**US-CHEMTREC Phone(I):** (800)424-9300  
**US-CHEMTREC Phone(II):** (703)527-3887  
**CAN-CANUTEC Phone:** (613)996-6666  
**Vendor Update:** 11/27/2009  
**Date Prepared:** 1/25/2010  
**MSDS Number:** KP1314 ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** KRYLON PRIMER – ALL PURPOSE  
**HMIS Ratings:**

Health: Moderate(2)  
 Flammability: Serious(3)  
 Instability/Reactivity: Minimal(0)

**NFPA Ratings:**

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

<b>Chemical Ingredients</b>	<b>C.A.S. Number</b>	<b>% By Weight</b>	<b>ACGIH TLV TWA/STEL</b>	<b>OSHA PEL TWA/STEL</b>	<b>Other TWA/STEL</b>	<b>LD50</b>	<b>LC50</b>
PROPANE	74-98-6	10	2500 PPM	1000 PPM			
<b>Notes</b>							
BUTANE	106-97-8	10	800 PPM	800 PPM			
<b>Notes</b>							
V.M.P. NAPHTHA	64742-89-8	4	300 PPM	300 PPM 400 PPM			
<b>Notes</b>							
TOLUENE	108-88-3	18	20 PPM	100 PPM SKIN 150 PPM SKIN		4HR: 5000 MG/KG	4 HR: 4000 PPM
<b>Notes</b>							
2-METHYL-1-PROPANOL	78-83-1	2	50 PPM	50 PPM		4HR: 2460 MG/KG	
<b>Notes</b>							
ACETONE	67-64-1	36	500 PPM 750 PPM	1000 PPM		4HR: 5800 MG/KG	
<b>Notes</b>							
TALC	14807-96-6	6	2 MG/M <sup>3</sup> AS RESPIRABLE DUST	2 MG/M <sup>3</sup> AS RESPIRABLE DUST			
<b>Notes</b>							
TITANIUM DIOXIDE	13463-67-7	5	10 MG/M <sup>3</sup> AS DUST	10 MG/M <sup>3</sup> TOTAL DUST 5 MG/M <sup>3</sup> RESPIRABLE FRACTION			
<b>Notes</b>							
CARBON BLACK	1333-86-4	0.1	3.5 MG/M <sup>3</sup>	3.5 MG/M <sup>3</sup>			
<b>Notes</b>							

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** IRRITATION

<b>Skin:</b>	PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION.
<b>Inhalation:</b>	IRRITATION OF THE UPPER RESPIRATORY SYSTEM.
<b>Signs and Symptoms of Exposure:</b>	MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. PROLONGED OVEREXPOSURE TO SOLVENT INGREDIENTS MAY CAUSE ADVERSE EFFECTS TO THE LIVER, URINARY CARDIOVASCULAR AND REPRODUCTIVE SYSTEMS. SIGNS/SYMPTOMS OF OVEREXPOSURE: HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS OR SPRAY MISTS. REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE EYE OR EXCESSIVE SKIN EXPOSURE.
<b>Other:</b>	ROUTES OF EXPOSURE: INHALATION OF VAPOR OR SPRAY MIST. EYE OR SKIN CONTACT WITH THE PRODUCT, VAPOR OR SPRAY MIST.

#### IV. FIRST AID MEASURES

<b>Eyes:</b>	FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.
<b>Skin:</b>	WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE RE-USE.
<b>Ingestion:</b>	DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.
<b>Inhalation:</b>	IF AFFECTED, REMOVED FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET.

#### V. FIRE FIGHTING MEASURES

<b>Flash Point:</b>	PROPELLANT <0° F
<b>Lower Flammability Limit:</b>	0.9
<b>Upper Flammability Limit:</b>	12.8
<b>Extinguishing Agents:</b>	CARBON DIOXIDE, DRY CHEMICAL, FOAM
<b>Unusual Fire or Explosion Hazards:</b>	CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.
<b>Fire Fighting Procedures:</b>	FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

#### VI. ACCIDENTAL RELEASE MEASURES

<b>Containment/Cleanup:</b>	REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA. REMOVE WITH INERT ABSORBENT.
-----------------------------	--

#### VII. HANDLING AND STORAGE

**Other:** PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE  
 KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. VAPORS WILL ACCUMULATE READILY AND MAY IGNITE EXPLOSIVELY.  
 DURING USE AND UNTIL ALL VAPORS ARE GONE: KEEP AREA VENTILATED  
 –DO NOT SMOKE– EXTINGUISH ALL FLAMES, PILOT LIGHTS, AND HEATERS  
 –TURN OFF STOVES, ELECTRIC TOOLS AND APPLIANCES AND ANY OTHER SOURCES OF IGNITION.  
 CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES.  
 CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE, OR EXPOSE TO TEMPERATURE ABOVE 120°F. HEAT FROM SUNLIGHT, RADIATORS, STOVES, HOT WATER, AND OTHER HEAT SOURCES COULD CAUSE CONTAINER TO BURST. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** WEAR SAFETY SPECTACLES WITH UNPERFORATED SIDESHIELDS.

**Skin:** PROTECTIVE GLOVES:  
 NONE REQUIRED FOR NORMAL APPLICATION OF AEROSOL PRODUCTS WHERE MINIMAL SKIN CONTACT IS EXPECTED. FOR LONG OR REPEATED CONTACT, WEAR CHEMICAL RESISTANT GLOVES.

**Respiratory:** IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS IN SECTION II. WHEN SANDING OR ABRADING THE DRIED FILM, WEAR A DUST/MIST RESPIRATOR APPROVED BY NIOSH/MSHA FOR DUST WHICH MAY BE GENERATED FROM THIS PRODUCT, UNDERLYING PAINT, OR THE ABRASIVE. WHEN SANDING OR ABRADING THE DRIED FILM, WEAR A DUST/MIST RESPIRATOR APPROVED BY NIOSH/MSHA FOR DUST WHICH MAY BE GENERATED FROM THIS PRODUCT, UNDERLYING PAINT, OR THE ABRASIVE.

**Engineering:** VENTILATION:  
 LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO MATERIALS IN SECTION II IS MAINTAINED BELOW APPLICABLE EXPOSURE LIMITS.  
 REFER TO OSHA STANDARDS 1910.94, 1910.107, 1910.108.

**Other:** PRECAUTIONS TO BE TAKEN IN USE:  
 USE ONLY WITH ADEQUATE VENTILATION. AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPOR AND SPRAY MIST. WASH HANDS AFTER USING.  
 THIS COATING MAY CONTAIN MATERIALS CLASSIFIED AS NUISANCE PARTICULATES (LISTED "AS DUST" IN SECTION II) WHICH MAY BE PRESENT AT HAZARDOUS LEVELS ONLY DURING SANDING OR ABRADING OF THE DRIED FILM. IF NO SPECIFIC DUSTS ARE LISTED IN SECTION II, THE APPLICABLE LIMITS FOR NUISANCE DUSTS ARE ACGIH TLV 10 MG/M<sup>3</sup> (TOTAL DUST), 3 MG/M<sup>3</sup> (RESPIRABLE FRACTION), OSHA PEL 15 MG/M<sup>3</sup> (TOTAL DUST), 5 MG/M<sup>3</sup> (RESPIRABLE FRACTION).  
 OTHER PRECAUTIONS  
 INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS CAN BE HARMFUL OR FATAL.

### IX. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** <0 – 325° F (<-18 – 162°C)  
**pH:** 7.0  
**Solubility in Water:** NOT AVAILABLE  
**Specific Gravity:** 0.81  
**Vapor Pressure:** \*

<b>Vapor Density:</b>	HEAVIER THAN AIR
<b>Volatile Content:</b>	VOLATILE VOLUME 91% VOLATILE ORGANIC COMPOUNDS (VOC THEORETICAL– AS PACKAGED) VOLATILE WEIGHT 44.60%; LESS WATER FEDERALLY EXEMPT SOLVENTS.
<b>Other:</b>	PRODUCT WEIGHT: 6.77 LB/GL(810 GL/L) MELTING POINT: NOT AVAILABLE EVAPORATION RATE: FASTER THAN ETHER *VAPOR PRESSURE PROPANE: 760 MM BUTANE: 760 MM V.M.&P. NAPHTHA: 12 MM TOLUENE: 22 MM 2–METHOXY–1–PROPANOL: 8.7 MM ACETONE: 180 MM

#### X. STABILITY AND REACTIVITY

**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR

**Hazardous Decomposition** BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE.

**Products:**

**Incompatible Products:** NONE KNOWN.

**Conditions To Avoid:** NONE KNOWN.

#### XI. TOXICOLOGICAL INFORMATION

**Other:** CHRONIC HEALTH HAZARDS:  
REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. IARC'S MONOGRAPH NO. 93 REPORTS THERE IS SUFFICIENT EVIDENCE OF CARCINOGENICITY IN EXPERIMENTAL RATS EXPOSED TO TITANIUM DIOXIDE BUT INADEQUATE EVIDENCE FOR CARCINOGENICITY IN HUMANS AND HAS ASSIGNED A GROUP 2B RATING. IN ADDITION, THE IARC SUMMARY CONCLUDES, "NO SIGNIFICANT EXPOSURE TO TITANIUM DIOXIDE IS THOUGHT TO OCCUR DURING THE USE OF PRODUCTS IN WHICH TITANIUM DIOXIDE IS THOUGHT TO OCCUR DURING THE USE OF PRODUCTS IN WHICH TITANIUM IS BOUND TO OTHER MATERIALS, SUCH AS PAINT."  
CARBON BLACK IS CLASSIFIED BY IARC AS POSSIBLY CARCINOGENIC TO HUMANS (GROUP 2B) BASED ON EXPERIMENTAL ANIMAL DATA, HOWEVER, THERE IS INSUFFICIENT EVIDENCE IN HUMANS FOR ITS CARCINOGENICITY.

#### XII. ECOLOGICAL INFORMATION

**Environmental Fate and** NO DATA AVAILABLE

**Distribution:**

#### XIII. DISPOSAL CONSIDERATIONS

**Disposal Method:** WASTE FROM THIS PRODUCT MAY BE HAZARDOUS AS DEFINED UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) 40 CFR 261. WASTE MUST BE TESTED FOR IGNITABILITY TO DETERMINE THE APPLICABLE EPA HAZARDOUS WASTE NUMBERS.  
DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL, AND LOCAL REGULATIONS REGARDING POLLUTION.

**XIV. TRANSPORT INFORMATION**

**XV. REGULATORY INFORMATION**

**TSCA Status:** ALL CHEMICALS IN THIS PRODUCT ARE LISTED, OR ARE EXEMPT FROM LISTING, ON THE TSCA INVENTORY.

**EPA Sara Title III Chemical Listings:** THE FOLLOWING INGREDIENTS ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA SECTION 313(40 CFR 372.65C) SUPPLIER NOTIFICATION:  
TOLUENE: CAS# 108-88-3; % BY WT: 18

**California:** WARNING: THESE PRODUCTS CONTAIN A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

**XVI. OTHER INFORMATION**

**Other:** THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.

**WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.