

95A PS-143

MATERIAL SAFETY DATA SHEET

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SECTION I
PRODUCT IDENTIFICATION

KRYLON
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SOLOON, OH 44139

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MISC/KRsw2

ColorWorks® from Krylon® Lacquer, Polyurethane, & Metallics

SECTION II HAZARDOUS INGREDIENT (percent by weight)					Quick Dry Lacquer				Quick Dry Polyurethane		Non-Tarnishing Metallic Enamels			
CAS No.	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	CWA1150 Gloss Black	CWA1151 Flat Black	CWA1152 Gloss White	CWA1159 Clear	08117 Gloss	08118 Semi-Gloss	08095 Gold	08096 Brass	08132 Chrome	08145 Anodized Bronze
74-98-6	Propane (propellant)	1000	PPM	760.0	14	14	14	16	11	11	16	16	15	16
106-97-8	Butane (propellant)	800	800	PPM	6	6	6		11	11				
64742-89-8	V. M. & P. Naphtha	300	300 <400>	PPM	12.0			2						2
64742-88-7	Mineral Spirits	100	100	PPM	2.0									1
108-88-3	Toluene	50	100 <150>	PPM (Skin)	22.0						43	43	58	2
100-41-4	Ethylbenzene	100	100 <125>	PPM	7.1	1	2	2	1	3	2	2		
1330-20-7	Xylene	100	100 <150>	PPM	5.9	6	11	7	6	16	6	6		3
67-63-0	2-Propanol	400	400 <500>	PPM	33.0			3						4
71-36-3	1-Butanol	C 50	C 50	PPM (Skin)	5.5		2							2
111-76-2	2-Butoxyethanol	C 25	C 25	PPM (Skin)	0.6									1
67-64-1	Acetone	750	750 <1000>	PPM	180.0	35	35	43	34	30				47
78-93-3	Methyl Ethyl Ketone	200	200 <300>	PPM	70.0	16	12	8	4	10				1
108-10-1	Methyl Isobutyl Ketone	50	50 <75>	PPM	16.0	1		4						1
108-21-4	Isopropyl Acetate	250	250 <310>	PPM	47.5			4						3
763-69-9	Ethyl 3-Ethoxypropionate	Not Established		1.1				6						5
123-86-4	n-Butyl Acetate	150	150 <200>	PPM	10.0			2						5
628-63-7	Amyl Acetate	100	100	PPM	4.0			4						2
108-65-6	1-Methoxy-2-Propanol Acetate	Not Established		1.8	7	7	8							
13463-67-7	Titanium Dioxide	10	10[5]	Mg/M3 as Dust [Resp. Fraction]			7							
1333-86-4	Carbon Black	3.5	3.5	Mg/M3		1								
7440-66-6	Zinc	Not Established										2		
VOC as a percent by weight, per BAAQMD Rule 49					88	89	81	92	85	85	84	84	88	93
HMIS® Ratings (Health Flammability - Reactivity)					2-4-0	2-4-0	2-4-0	2-4-0	2 4 0	2 4 0	2 4 1	2 4 1	2 4 1	2 4 1

§ Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

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ColorWorks® from Krylon® Lacquer, Polyurethane, & Metalics

Section III — PHYSICAL DATA

PRODUCT WEIGHT	-- N.A.	EVAPORATION RATE	-- Faster than Ether
SPECIFIC GRAVITY	-- N.A.	VAPOR DENSITY	-- Heavier than Air
BOILING RANGE	-- <0-342 °F	MELTING POINT	-- N.A.
SOLUBILITY IN WATER	-- N.A.		

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION	FLASH POINT	<0 °F PMCC	LEL	0.7	UEL	12.8
Extremely Flammable, Flash below 21 °F						
EXTINGUISHING MEDIA						
Carbon Dioxide, Dry Chemical, Foam						
UNUSUAL FIRE AND EXPLOSION HAZARDS						
Isolate from heat, electrical equipment, sparks, and open flame. Closed 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.						
SPECIAL FIRE FIGHTING PROCEDURES						
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.						

Section V — HEALTH HAZARD DATA

ROUTES OF EXPOSURE	
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.	
ACUTE Health Hazards	
EFFECTS OF OVEREXPOSURE	
Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.	
SIGNS AND 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.	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	
None generally recognized.	
EMERGENCY AND FIRST AID PROCEDURES	
If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.	
If on SKIN: Wash affected area thoroughly with soap and water.	
Remove contaminated clothing and launder before re-use.	
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.	
If SWALLOWED: Seek medical attention.	
CHRONIC Health Hazards	
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.	
Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, cardiovascular, and reproductive systems.	
Methyl Ethyl Ketone may increase the nervous system effects of other solvents.	
Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.	
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.	

Section VI — REACTIVITY DATA

STABILITY — Stable
INCOMPATIBILITY
None known.
HAZARDOUS DECOMPOSITION PRODUCTS
By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION — Will Not Occur

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate and remove with inert absorbent.
WASTE 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. Waste from products containing Methyl Ethyl Ketone may also require testing for extractability.
Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section VIII — PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.
These coatings 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./m3 (total dust), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).
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.
RESPIRATORY PROTECTION
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 protection against non-volatile materials in Section II.
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.
EYE PROTECTION
Wear safety spectacles with unperforated shields.

Section IX — PRECAUTIONS

DOL STORAGE CATEGORY — 1A
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Contents are EXTREMELY FLAMMABLE. 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.
OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section X — OTHER REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65
WARNING: CWA1159, 08117, and 08118 contain a chemical(s) known to the State of California to cause cancer. CWA1150, CWA1151, CWA1152, 08095, 08096, 08132, and 08145 contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.