DIVERSIFIED BRANDS
A Sherwin Williams Company

MATERIAL SAFETY DATA SHEET

SECTION I
PRODUCT IDENTIFICATION

KRYLON Sprayon

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KRYLON/SPRAYON INDUSTRIAL PRODUCTS
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Quik-Mark Inverted Marking Paints - 2

QUIK-MARK 2/ISD

						Chalks - A.P.W.A. Colors							Specialty Colors	
SECTION II CAS No.	HAZARDOUS INGREDIENT (percent by weight)	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	S03500 Clear	S03501 Orange	S03502 Yellow	S03503 Red	S03504 Blue	S03505 White	S03506 Green	S03650 Asphalt Black	S03660 Silver
74-98-6	Propane		1000	PPM	760.0		15	13	15	15	15	15	16	14
106-97-8	Butane	800	800	PPM	760.0		15	12						13
110-54-3 §	Hexane	50	50	PPM	127.0				6		5	7		
107-83-5	Isohexane Isomers	500 <1000>	500 <1000>	PPM	250.0				4		3	5		
64742-89-8	Lt. Aliphatic Hydrocarbon Solvent	100	100	PPM	53.0								15	
64742-89-8	V. M. & P. Naphtha	300	300 <400>	PPM	12.0		21	25		22	19			
64742-88-7	Mineral Spirits	100	100	PPM	2.0								5	2
64741-65-7	Mineral Spirits (Odorless).	100	100	PPM	1.0				6	7	5	8		
108-88-3 §	Toluene	50	100 <150>	PPM (Skin)	22.0		5	5	31	3	1	30	12	23
100-41-4 §	Ethylbenzene	100 <125>	100 <125>	PPM	7.1						2			2
1330-20-7 §	Xylene	100 <150>	100 <150>	PPM	5.9		5	6		13	11			8
64742-95-6	Light Aromatic Hydrocarbons	Not Established			3.8			1						
108-67-8	1,3,5-Trimethylbenzene	25	25	PPM	10.0		1	2		1				
95-63-6 §	1,2,4-Trimethylbenzene	25	25	PPM	2.0		2	2		2	1			
108-87-2	Methyl Cyclohexane	400	400	PPM	40.0								1	
71-36-3 §	1-Butanol	C 50	C 50	PPM (Skin)	5.5	5								
111-76-2 §	2-Butoxyethanol	25	25	PPM (Skin)	0.6	3								
67-64-1	Acetone	750 <1000>	750 <1000>	PPM	180.0	16				3	2			15
115-10-6	Dimethyl Ether	Not Established			760.0	38								
471-34-1	Calcium Carbonate	10	15[5]	Mg/M3 [Resp.	as Dust Fraction]		28	27	31	30	25	31		
13463-67-7	Titanium Dioxide	10	10[5]	Mg/M3 [Resp.	as Dust Fraction]			3		1	6			
	Weight per Gallon (lbs.)					6.66	7.17	7.32	7.92	7.73	7.68	7.75	6.76	6.43
	VOC as a percent by weight per BAAQMD Rule 49					47.7	66.2	67.0	62.9	63.5	64.1	65.6	51.3	61.6
	Percent Water					29.2							34.1	
	VOC (Volatile Organic Compounds) Total - lbs./gal.					3.17	4.74	4.90	4.98	4.90	4.92	5.08	3.46	3.96
	HMIS (NFPA) Rating (health - flammability - reactivity)					2 4 0	3 4 0	3 4 0	2* 4 0	3 4 0	2* 4 0	2* 4 0	2 4 0	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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Quik-Mark Inverted Marking Paints

Section III — PHYSICAL DATA

PRODUCT WEIGHT	- See TABLE	*EVAPORATION RATE*	- Faster than Ether
SPECIFIC GRAVITY	- 0.77-0.95	*VAPOR DENSITY*	- Heavier than Air
BOILING RANGE	- <0-395 °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* 0.9 *UEL* 27.0

Extremely Flammable, Flash below 21 °F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Isolate from heat, electrical equipment, sparks and open flame. 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: Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Give several glasses of water. Seek medical attention.

CHRONIC Health Hazards

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

Prolonged and repeated exposure to Hexane may cause damage to nerve tissue of the arms and legs (peripheral neuropathy), resulting in muscular weakness and loss of sensation. This effect may be increased by the presence of Methyl Ethyl Ketone.

Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, blood-forming, cardiovascular, and reproductive systems.

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

CONDITIONS TO AVOID

None known.

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 these products 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, 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), 3 mg./m3 (respirable fraction), 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 dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section II.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

Section IX — PRECAUTIONS

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: These products contain chemicals known to the State of California to cause cancer and birth defects and other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

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.

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