

MATERIAL SAFETY DATA SHEET

MAR 20 1996

— SECTION I —
PRODUCT IDENTIFICATION

KRYLON
31500 SOLON ROAD
SOLON, OH 44139

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INFORMATION TELEPHONE NO.
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DATE OF PREPARATION
1- FEB - 94

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Krylon® Decorator Paints

DEC/KRH2

— SECTION II —		ACGIH	OSHA		Vapor	1602	1604	1605	1606	1608	1613	1701	1804	1809	1813	1815	1901	
CAS No.	HAZARDOUS INGREDIENT (percent by weight)	TLV <STEL>	PEL <STEL>	Units	Pressure (mm Hg)	Ultra-Flat Black	Shadow Gray	Dove Gray	Pewter Gray	Smoke Gray	Semi-Flat Black	Bright Gold	Bright Yellow	School Bus Yellow	Daisy Yellow	Citrus Yellow	Regal Blue	
74-98-6	Propane (propellant)		1000	PPM	760.0	18	13	13	13	13	13	14	13	13	13	13	13	
75-28-5	2-Methylpropane (propellant)	Not Established			760.0		7	7	7	7	7	14	7	7	7	7	7	
108-88-3	§ Toluene	50	100 <150>	PPM (Skin)	22.0							8						
100-41-4	§ Ethylbenzene	100 <125>	100 <125>	PPM	7.1	2	2	2	2	2	3	4	2	2	1	1	2	
1330-20-7	§ Xylene	100 <150>	100 <150>	PPM	5.9	31	10	11	9	10	13	14	9	9	7	7	9	
67-64-1	§ Acetone	750 <1000>	750 <1000>	PPM	180.0	34	35	35	35	35	34	37	35	35	35	38	35	
71-36-3	§ 1-Butanol	C 50	C 50	PPM	5.5				1					2	1	1	2	
78-93-3	§ Methyl Ethyl Ketone	200 <300>	200 <300>	PPM	70.0		8	8	8	8	10		7	7	9	6	7	
108-10-1	§ Methyl Isobutyl Ketone	50 <75>	50 <75>	PPM	16.0		3	1	1	2			3	3	5	5	3	
108-65-6	1-Methoxy-2-Propanol Acetate	Not Established			1.8		7	7	7	7	7		8	8	7	7	7	
85-68-7	Butyl Benzyl Phthalate	Not Established				1												
7631-86-9	Amorphous Silica	10	6	Mg/M3	as Resp. Dust	1												
13463-67-7	Titanium Dioxide	10	10[5]	Mg/M3	as Dust [Resp. Fraction]		3	3	5	3					2	2		
1333-86-4	Carbon Black	3.5	3.5	Mg/M3		2					1							
7440-50-8	§ Copper	1	1	Mg/M3								4						
VOC as a percent by weight per BAAQMD Rule 49						85	84	85	84	84	89	90	85	86	86	86	85	
NFPA Code 30B Level						3	3	3	3	3	3	3	3	3	3	3	3	
HMIS® Ratings (Health - Flammability - Reactivity)						2-4-0	2-4-0	2-4-0	2-4-0	2-4-0	2-4-0	2-4-0	2-4-0	2-4-0	2-4-0	2-4-0	2-4-0	2-4-0

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

PURSUANT TO PROPOSITION 65: These products contain Toluene which is known by the state of California to cause reproductive toxicity.

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- 302°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 13.1

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: Get 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, blood-forming, 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, Oxides of Metals in Section II

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 or may 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.

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./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 dust which may be generated from this product, underlying paint, or the abrasive.

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 sideshields.

Section IX — PRECAUTIONS

DOL STORAGE CATEGORY — 1A

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

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.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product 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.