

SECTION I
PRODUCT IDENTIFICATION

MATERIAL SAFETY DATA SHEET

KRYLON PRODUCTS GROUP
THE SPECIALTY DIVISION
DIV. OF THE SHERWIN-WILLIAMS COMPANY
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SOLON, OH 44139

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SPECS/KRI

Specialty Spray Coatings & Graphic Arts

SECTION II		ACGIH TLV	OSHA PEL	Units	Vapor Pressure (mm Hg)	1303/1303A Crystal Clear	1305 UV Resistant Crystal Clear	1306 Workable Fixatif	1310 Dulling Spray	1311 Matte Finish	1312 Kamar Varnish	7005 Polyurethane Gloss	7006 Polyurethane Satin	7010 Spray Adhesive	7020 Repositionable Adhesive
CAS No.	HAZARDOUS INGREDIENT (percent by weight)	<STEL>	<STEL>												
74-98-6	Propane (propellant)		1000	PPM	760.0	15	15	9	14	15	12	13	13	11	13
75-28-5	2-Methylpropane (propellant)		Not Established		760.0	15	15	11	14	15	18	17	17	14	12
64742-49-0	N-Heptane, Methylcyclohexane	400 <500>	400 <500>	PPM	50.0										45
110-54-3	Hexane	50	50	PPM	127.0							30	28	35	16
64742-89-8	V. M. & P. Naphtha	300	300 <400>	PPM	12.0	22	22		26		23				
64742-47-8	Mineral Spirits	100	100	PPM	2.0	2	2				11	8	7		
64742-48-9	Hydrocarbon Solvent	100	100	PPM							21				
108-88-3 §	Toluene	50	100 <150>	PPM (Skin)	22.0	13	5			50		9	9	4	
100-41-4 §	Ethylbenzene	100 <125>	100 <125>	PPM	7.1	3						1	2		
1330-20-7 §	Xylene	100 <150>	100 <150>	PPM	5.9	13	23					7	9		
71-55-6 §	1,1,1-Trichloroethane	350 <450>	350 <450>	PPM	100.0				15						
67-63-0	2-Propanol	400 <500>	400 <500>	PPM	33.0			2	27						
67-64-1 §	Acetone	750 <1000>	750 <1000>	PPM	180.0	11	11	60		13	9			20	5
108-65-6	1-Methoxy-2-Propanol Acetate		Not Established		1.8			11							
85-68-7 §	Butyl Benzyl Phthalate		Not Established					1							
111-76-2 §	2-Butoxyethanol	25	25	PPM	0.6			2							
VOC as a percent by weight per BAAQMD Rule 49						92	93	94	81	93	91	85	85	83	91
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

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

→→→ MSDS Text Page Follows →→→

KHI 1303

Specialty Spray Coatings & Graphic Arts

SPECIFICATIONS

Section III — PHYSICAL DATA

PRODUCT WEIGHT	- N.A.	EVAPORATION RATE	- Faster than Ether
SPECIFIC GRAVITY	- N.A.	VAPOR DENSITY	- Heavier than Air
BOILING RANGE	- <0-395 °F	MELTING POINT	- N.A.
SOLUBILITY IN WATER	- N.A.		

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION	FLASH POINT	<0 °F PHCC	LEL	0.9	UEL	12.8
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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 and repeated exposure to Hexone 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.

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 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), 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 sideshields.

Section IX — PRECAUTIONS

NEPA CODE 308 - Level 3 Aerosols, Product 1310 Level 2 Aerosols

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 NEPA 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

Some of these products (see table) contain a chemical known to the State of California to cause cancer, 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 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.