



SECTION I
PRODUCT IDENTIFICATION



COLORWORKS® From KRYLON®

MATERIAL SAFETY DATA SHEET

SHERWIN-WILLIAMS
DIVERSIFIED BRANDS, INC.
31500 SOLON ROAD
SOLON, OH 44139

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DATE OF PREPARATION
01 - SEPT - 96

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EPOXYI/KR

SECTION II CAS No. HAZARDOUS INGREDIENT (percent by weight)						Epoxy Enamel													11 Ounces Net Weight			
ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	EP700 Gloss White	EP703 Flat White	EP704 Antique White	EP705 Gloss Black	EP707 Flat Black	EP710 Cherry Red	EP720 Sun Yellow	EP725 Forest Green	EP730 Powder Blue	EP735 Royal Blue	EP745 Brown	EP750 Almond	EP754 Rust Chl Prime						
	1000	PPM	760.0	12	12	12	12	12	12	12	12	12	12	12	12	12	11					
	800	PPM	760.0	12	12	12	12	12	12	12	12	12	12	12	12	12	11					
	50	100 PPM (Skin)	22.0	5	5	10	5	12	5	5	5	5	5	5	5	5	10					
	100	<150>		3	2	2	3	2	3	3	3	3	3	3	3	2	3					
	100	<125> <125>	7.1	15	13	11	18	13	19	18	19	15	18	18	14	16						
	100	<150> <150>	5.9	33	33	28	36	31	33	33	33	33	33	33	36	23						
	750	750 PPM	180.0	33	3	3	3	3	3	3	3	3	3	3	3	3						
	<1000>	<1000>		3	3	3	3															
	Not Established		1.1	3	3	3	3															
	150	150 PPM	10.0			4											6					
	<200>	<200>	as Resp. Dust		2			2														
	2	2 Mg/M3																				
	10	15[5] Mg/M3 as Dust			6			9														
	10	10[5] Mg/M3 as Dust		0	6	7				2		8	1		7	3						
	10	10[5] Resp. Fraction		6.56	6.73	6.56	6.21	6.60	6.26	6.32	6.25	6.56	6.29	6.35	6.49	6.93						
		Weight per Gallon (lbs.)		49.6	47.4	53.7	52.7	51.4	54.6	53.7	54.7	49.6	53.1	53.5	48.2	54.4						
		VOC as a percent by weight per BAAQMD Rule 49		3.25	3.18	3.52	3.27	3.38	3.42	3.39	3.41	3.25	3.33	3.40	3.12	3.76						
		VOC (Volatile Organic Compounds) Total - lbs./gal.		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						
		HMS (NFPA) Rating (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

MSDS Text Page Follows

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Section III — PHYSICAL DATA

PRODUCT WEIGHT — N.A.	EVAPORATION RATE —	Faster than other
SPECIFIC GRAVITY — N.A.	VAPOR DENSITY —	Heavier than Air
BOILING POINT — -20 to -342 °F	MELTING POINT —	N.A.
SOLUBILITY IN WATER — N.A.		

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION	FLASH POINT	LEL	UEL
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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 heated 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. Follow recommendations for proper use, ventilation, and personal protective equipment to minimize exposure.

ACUTE Health Hazards

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and respiratory system. May cause nervous system depression.

Extrema 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 aerosols.

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.

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 overexposure to solvent ingredients in Section II may cause adverse effects to the liver, kidney, and cardiovascular systems.

Exposure 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

1. Stop all sources of ignition. Ventilate and remove with inert absorbent.

HAZARD DISPOSITION METHOD

These products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for lability to determine the applicable EPA hazardous waste number.

Do not incinerate. Repackage into 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 cause irritation to the respiratory system. Avoid breathing dusts. Specific dusts are listed in Section II. The applicable limits for nuisance dusts are: COIN 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 CLOTHES

None required for normal application of aerosol products where minimal skin contact is expected.

SKIN PROTECTANTS

Wear safety spectacles with unperforated sideshields.

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 maintenance, keep away from heat, sparks, and open flame. Do not smoke.

Extinguish with multi-class ABC dry chemical, foam, water, or halogenated agents. Turn off stoves, electric tools and appliances, and 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.

Containers from sunlight, radiators, stoves, hot water, and other heat sources could cause explosion or 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 a chemical/s known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory.

This Material Safety Data Sheet conforms to the Hazard Communication standard, 29 CFR 1209.61(a), for similar complex mixtures.

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.