

00435-1005

[8027-00]
Rcvd 06-19-00

SPEC1/KRI

Specialty Spray Clear Coatings Rcvd 06-19-00



MATERIAL SAFETY DATA SHEET

SHERWIN-WILLIAMS
 DIVERSIFIED BRANDS, INC.
 KRYLON/SPRAYON INDUSTRIAL PRODUCTS
 31500 SOLON ROAD
 SOLON, OH 44139

EMERGENCY TELEPHONE NO.
 (216) 566-2917

DATE OF PREPARATION
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INFORMATION TELEPHONE NO.
 (800) 777-2966 SPRAYON INDUSTRIAL
 (800) 247-3266 KRYLON INDUSTRIAL

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CAS No.	HAZARDOUS INGREDIENT (percent by weight)	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	1303 Crystal Clear	1305 UV Resistant Crystal Clear	1306 Workable Fixatif	1310 Duffing Spray	1311 Matte Finish	1312 Kamar Varnish	7005 Polyureth. Gloss	7006 Polyureth. Satin	7110 Low Odor Clear Gloss	7120 Low Odor Clear Matte	
74-98-6	Propane	1000		PPM	760.0	15	15	13	14	15	14	15	15			
105-97-8	Butane	800		PPM	760.0	15	15	12	14	15	14	15	15			
110-54-3	Hexane	50		PPM	127.0							2				
64742-89-8	Li. Aliphatic Hydrocarbon Solv	100		PPM	53.0	6	19		20		20					
64742-89-8	V. M. & P. Naphtha	300		PPM	12.0						20					
64742-88-7	Mineral Spirits	100		PPM	2.0						9	8	7			
108-88-3	Toluene	50		PPM (SKIN)	22.0		13		5	50	2	17	17			
100-41-4	Ethylbenzene	50		PPM	7.1	4	2						2			
1330-20-7	Xylene	100		PPM	5.9	23	14					8	9			
64742-94-5	Medium Aromatic Hydrocarbons	Not Established			0.1	2										
67-63-0	2-Propanol	400		PPM	33.0			2	28					5	5	
111-76-2	2-Butoxyethanol	25		PPM (SKIN)	0.6			2						6	6	
107-21-1	Ethylene Glycol	C 50		PPM	0.1				2							
67-64-1	Acetone	750		PPM	180.0	26	11	57	15	13	9	20	20	35	35	
115-10-6	Dimethyl Ether	Not Established			760.0											
108-65-6	1-Methoxy-2-Propanol Acetate	Not Established			1.8			10								
112926-00-8	Amorphous Precipitated Silica	10		6MG/M3 as Dust											2	
	Weight per Gallon (lbs.)					5.99	5.93	6.08	5.76	6.10	5.77	6.12	6.07	7.01	7.06	
	VOC as a percent by weight per BAAQMD Rule 49					66.2	81.4	37.9	83.5	79.9	82.0	64.9	64.9	82.6	81.6	
	VOC (Volatile Organic Compounds) Total - lbs./gal.					3.96	4.82	2.32	4.80	4.89	4.73	3.96	3.93	3.35	3.37	
	HMIS (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

§ 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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→→→ MSDS Text Page Follows →→→

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Item Numbers: 00435-0005

Section III — PHYSICAL DATA

PRODUCT WEIGHT - N.A.
EVAPORATION RATE - Faster than Ether
SPECIFIC GRAVITY - N.A.
VAPOR DENSITY - Heavier than Air
BOILING RANGE - 40-195 °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
 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.
SYMPTOMS AND STRAINS OF OVEREXPOSURE
 Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.
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.
 Rats exposed to titanium dioxide dust at 250 mg./m³ developed lung cancer, however, such exposure levels are not attainable in the workplace.
 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 "or 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

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 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.

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.