

# MATERIAL SAFETY DATA SHEET

SECTION I  
PRODUCT IDENTIFICATION

SPRAYON PRODUCTS  
DIVISION OF THE SHERWIN-WILLIAMS CO.  
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SOLON, OH 44139

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## ACR/ISDI

## Acrylic Enamels - 1

CAS No.	SECTION II HAZARDOUS INGREDIENT (percent by weight)	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	percent by weight											
						00325 Machinery Dk Gray	00326 Machinery Lt. Gray	00329 Machinery Blue Gray	01000 Clear Gloss Top Coat	01101 Cherry Red	01110 OSHA Red	01150 Zinger Pink	01210 OSHA Orange	01212 Intl. Orange	01280 Brown	01285 Cordova Brown	01305 Light Beige
74-98-6	Propane		1000	PPM	760.0	14	15	14	11	14	14	14	15	14	12	14	14
75-28-5	2-Methylpropane		Not Established		760.0	14	15	14	11	14	14	14	15	14	15	14	14
108-88-3	§ Toluene	50	100 <150>	PPM (Skin)	22.0	25	11	17	3	9	4	12	5	19	4	9	15
100-41-4	§ Ethylbenzene	100	100 <125>	PPM	7.1						1				2		
1330-20-7	§ Xylene	100	100 <150>	PPM	5.9	6	9	9		15	19	10	27	11	14	14	9
67-64-1	§ Acetone	750	750 <1000>	PPM	180.0	22	27	29	57	26	27	29	20	22	6	26	25
78-93-3	§ Methyl Ethyl Ketone	200	200 <300>	PPM	70.0				5								
763-69-9	Ethyl 3-Ethoxypropionate.	Not Established	Not Established		1.1	3	4	3	9	5	4	5	4	3	5	4	3
14807-96-6	Talc	2	2	Mg/M3 as Resp. Dust		2											
471-34-1	Calcium Carbonate	10	15[5]	Mg/M3 as Dust [Resp. Fraction]			8										
13463-67-7	Titanium Dioxide.	10	10[5]	Mg/M3 as Dust [Resp. Fraction]		2	3	4				5					10
VOC as a percent by weight, BAACMD Rule 49						86	80	85	97	82	83	80	85	82	85	80	79
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

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

Section III — PHYSICAL DATA

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

Section IV — FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY CLASSIFICATION** FLASH POINT <0 F PHCC LEL 0.7 UEL 12.8  
 RED LABEL - 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.**

**HEPATIC 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 this product is an IARC, ITP 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. Hats exposed to titanium dioxide dust at 350 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**  
 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 may also 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 protection against non-volatile materials in Section II.

**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

**NFPA CODE JOB - Level 3 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 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**  
 These products contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

This Material Safety Data Sheet conforms to the Hazard Communication standard, 29 CFR 1910.1200(g)(4), for similar complex mixtures. 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.