

SPRAYON WELDING SUPPLIES-1 WELD1/ISD

MATERIAL SAFETY DATA SHEET

02-15-00

MSDS PROVIDED BY:
STOODY INDUSTRIAL AND WELDING SUPPLY, INC.
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MILITARY EMERGENCY RESPONSE NUMBER 1-800-851-8061

Sherwin-Williams preparation date: 17-Aug-98 (reproduced SIWS)

SECTION I PRODUCT IDENTIFICATION

COMPANY NAME (MSDS PROVIDER): SHERWIN-WILLIAMS
 COMPANY ADDRESS DIVERSIFIED BRANDS, INC.
 Krylon / Sprayon Industrial Products
 31 5 0 0 SOLON ROAD
 SOLON, OHIO 4 4 1 3 9
 EMERGENCY TELEPHONE NUMBER (2 1 6) 5 6 6 - 2 9 1 7
 TRADE NAME SPRAYON WELDING SUPPLIES-1

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SECTION II PRODUCT IDENTIFICATION

CAS NO.	HAZARDOUS INGREDIENT (per cent by weight)	AGCGH TLV <STEL>	OSHA PEL <STEL>	UNIT	VAPOR PRESSURE (mmHg)	S00738 Stainless Steel pain	S00739 Silver Galv	S00740 Zinc Rich Caterpillar	S00743 QA Inspect Cleaner	S00744 QA Inspect Penetrant	S00745 QA Inspect Develop
74-98-6	Propane		1000	PPM	760.0	14	15	15	13	11	8
106-97-8	Butane	800	800	PPM	760.0	13			12	11	22
64742-89-8	Lt. Aliphatic Hydrocarbon Solv	100	100	PPM	53.0					27	
64742-89-8	V.M.&P. Naphtha	300	300 <400>	PPM	12.0		2	1			
8008-20-6	Kerosine, petroleum		Not Est ablished		0.7					22	
71-55-6	*1,1,1-Tri chloroethene	350 <450>	350 <450>	PPM	132.0				75		62
108-88-3	*Tol uene	50	100 <150>	PPM (Skin)	22.0	5				7	
100-41-4	*Ethyl benzene	100 <125>	100 <125>	PPM	7.1	2	3	1			
1330-20-7	*Xyl ene	100 <150>	100 <150>	PPM	5.9	13	16	8			
5131-66-8	Butoxypropanol		Not Est ablished		0.6					15	
67-64-1	Acet one	500	1000 <750>	PPM	180.0	35					
76-93-3	*Methyl Ethyl Ketone	200 <300>	200 <300>	PPM	70.0		34	34			
763-69-9	Ethyl 3-Ethoxypropionate		Not Est ablished		1.1	1					
872-50-4	1-M ethyl -2-Pyrrolidin one		Not Est ablished		1.0					5	
7440-66-6	*Zinc		Not Est ablished				20	37			
14807-96-6	Talc	2	2	Mg/M3	as Resp Dust						8
	*Zinc Compound (%Zinc)						0(20)	0(37)			
	WEIGHT PER GALLON (LBS)					6.34	7.73	9.01	8.01	6.04	8.00
	VOC as a per cent by weight per BAAQMD					48.2	47.5	48.9	25.0	98.7	30.0
	VOC (Volatile Organic Compounds) Total - lbs./gal.					3.05	5.48	5.32	2.00	5.96	2.40
	VOC Less Water & Federally Exempt Solvents - lbs./gal					4.60	5.48	5.32	4.41	5.96	4.37
	HIMIS (NFPA) Rating (health) - flammability - reactivity					240	241	241	240	240	240

*Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C.85C.

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SECTION III	PHYSICAL DATA		
PRODUCT WEIGHT:	See TABLE	EVAPORATION RATE	FASTER THAN Ether
SPECIFIC GRAVITY	0.73 – 1.16	VAPOR DENSITY	HEAVIER THAN AIR
BOILING RANGE.....	<0 - 395° F	MELTING POINT	N.A.
SOLUBILITY IN WATER.....	N.A.		
SECTION IV	FIRE AND EXPLOSIVE HAZARD DATA		
FLAMMABILITY CLASSIFICATION:.....	FLASH POINT	<0° F PMCC, LEL 0.9 UEL 12.8	
	EXTREMELY FLAMMABLE, FLASH BELOW 21° F.		
EXTINGUISHING MEDIA:	CARBON DIOXIDE, DRY CHEMICAL, FOAM		
UNUSUAL FIRE AND EXPOLSION HAZARDS:.....	CLOSED CONTAINERS MAY EXPOLDE (DUE TO THE BUILD-UP OF PRESSURE) WHEN EXPOSED TO EXTREME HEAT. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. 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 EXPOSURE 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: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE CONSCIOUS PATIENT 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, URINARY, BLOOD-FORMING, CARDIOVASCULAR, AND REPRODUCTIVE SYSTEMS. METHYL ETHYL KETONE MAY INCREASE THE NERVOUS SYSTEM EFFECTS OF OTHER SOLVENTS. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.		

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SECTION VI

REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID NONE KNOWN
INCOMPATIBILITY: NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS: BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF METAL 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 SOURCE 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 00743 QA INSPECTION CLEANER OR 00744 QA INSPECTION PENETRANT MAY ALSO BE DEFINED AS HAZARDOUS DUE TO THE PRESENCE OF 1,1,1-TRICHLOROETHANE. DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF IN ACCORDANCE FEDERAL, STATE AND LOCAL REGULATIONS REGARDING POLLUTION.

SECTION VIII

PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN BEFORE INITIAL USE, CONSULT OSHA'S STANDARD FOR OCCUPATIONAL EXPOSURE TO CADMIUM (29 CFR 1910.1027).
USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR AND SPRAY MIST. AVOID CONTACT WITH SKIN AND EYES. WASH HANDS AFTER USING.
THIS COATING MATERIAL 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 DUST 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: WEAR GLOVES WHICH ARE RECOMMENDED BY GLOVE SUPPLIER FOR PROTECTION AGAINST MATERIALS IN SECTION II.
EYE PROTECTION: WEAR SAFETY SPECTACLES WITH UNPERFORATED SIDESHIELDS.

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SECTION IX

PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING.... CONTENTS ARE EXTREMELY FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. VAPOR 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, ELECTRICAL TOOLS AND ELECTRICAL 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 BE DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS CAN BE HARMFUL OR FATAL.

SECTION X

OTHER REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65..... WARNING: THE FOLLOWING PRODUCTS CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: 00738, 00739, 00740, 00744.

TSCA CERTIFICATION ALL CHEMICALS IN THESE PRODUCTS ARE LISTED, OR ARE EXEMPT FROM LISTING, ON TSCA INVENTORY.

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, ESPRESSED OR IMPLIED, AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION.

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