

MATERIAL SAFETY DATA SHEET

S02206000

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 Section 1 -- PRODUCT AND COMPANY IDENTIFICATION
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PRODUCT NUMBER	DATE OF PREPARATION	Health	2
S02206000	05-FEB-08	Flammability	0
		Reactivity	0

PRODUCT NAME
 SPRAYON® Electro Wizard™ Contact Precision Cleaner

MANUFACTURER'S NAME
 THE SHERWIN-WILLIAMS COMPANY
 Consumer Group - Industrial
 Cleveland, OH 44115

TELEPHONE NUMBERS and WEBSITES
 Product Information
 (800) 251-2486
 Regulatory Information
 (216) 566-2902 www.paintdocs.com
 Medical Emergency
 (216) 566-2917
 Transportation Emergency for Chemical Emergency ONLY (spill, leak,
 (800) 424-9300 fire, exposure, or accident)

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 Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS
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% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
49	811-97-2	1,1,1,2-Tetrafluoroethane		
		ACGIH TLV	Not Available	760 mm
		OSHA PEL	Not Available	
4	460-73-1	Pentafluoropropane		
		ACGIH TLV	Not Available	21.69 mm
		OSHA PEL	Not Available	
46	138495-42-8	Decafluoropentane		
		ACGIH TLV	Not Available	226 mm
		OSHA PEL	Not Available	
2	67-63-0	2-Propanol		
		ACGIH TLV	200 ppm	33 mm
		ACGIH TLV	400 ppm STEL	
		OSHA PEL	400 ppm	

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 Section 3 -- HAZARDS IDENTIFICATION
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ROUTES OF EXPOSURE
 INHALATION of vapor or spray mist.
 EYE or SKIN contact with the product, vapor or spray mist.

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EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

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Section 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes.
Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing.
Keep warm and quiet.

INGESTION: Do not induce vomiting.
Get medical attention immediately.

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Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT

	LEL	UEL
Not Applicable	N.A.	N.A.

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

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.

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Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

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 Section 7 -- HANDLING AND STORAGE
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STORAGE CATEGORY

Not Available

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. 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.

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 Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION
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PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 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 2.

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.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES
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PRODUCT WEIGHT	11.20 lb/gal	1342 g/l
SPECIFIC GRAVITY	1.35	
BOILING POINT	<0 - 181 F	<-18 - 82 C
MELTING POINT	Not Available	
VOLATILE VOLUME	100 %	
EVAPORATION RATE	Faster than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
pH	7.0	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)		
Volatile Weight	1.53%	Less Water and Federally Exempt Solvents

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 Section 10 -- STABILITY AND REACTIVITY
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STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

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 HAZARDOUS POLYMERIZATION

 Will not occur
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 Section 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

 No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

CAS No.	Ingredient Name				
811-97-2	1,1,1,2-Tetrafluoroethane	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
460-73-1	Pentafluoropropane	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
138495-42-8	Decafluoropentane	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
67-63-0	2-Propanol	LC50	RAT	4HR	Not Available
		LD50	RAT		5045 mg/kg

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 Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

 No data available.
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 Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

 Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.
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 Section 14 -- TRANSPORT INFORMATION

US Ground (DOT)

 May be classed as Consumer Commodity, ORM-D
 UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG#126)

Canada (TDG)

 May be classed as Consumer Commodity, ORM-D
 UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG#126)

IMO

 May be shipped as Limited Quantity
 UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EmS F-D, S-U

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 Section 15 -- REGULATORY INFORMATION

Contains 1,1,1,2,2,3,4,5,5,5-DECAFLUOROPENTANE (CAS# 138495-42-8) which is controlled by TSCA Section 5, Significant New Use Rule (SNUR; 40 CFR 721.5645). The approved uses are: precision and general cleaning, carrier fluid, displacement drying, printed circuit board cleaning, particulate removal and film cleaning, process medium, heat transfer fluid (dielectric and non-dielectric), and test fluid. Processors and users of this substance must also comply with the applicable general SNUR requirements set forth in 40 CFR 721 subpart A, including export notification requirements if applicable (40 CFR 721.20), and the applicable record keeping requirements set forth at 40 CFR 721.125.
 SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.			

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

TSCA CERTIFICATION

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

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 Section 16 -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

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.