

MATERIAL SAFETY DATA SHEET

AWX-L
2012a

DATE OF PREPARATION
June 1, 2012

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION

AWX-
AWX Performance Plus™ Waterborne Basecoat System, All Colors

MANUFACTURER'S NAME

SHERWIN-WILLIAMS AUTOMOTIVE FINISHES
4440 Warrensville Center Road
Warrensville Hts., OH 44128-2837

Telephone Numbers and Websites

Product Information	(800) 798-5872 www.sherwin-automotive.com
Regulatory Information	(216) 566-2902
Medical Emergency	(216) 566-2917
Transportation Emergency*	(800) 424-9300
<i>*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)</i>	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight	CAS Number	Ingredient	Units	Vapor Pressure
0 - 2	64742-88-7	Mineral Spirits ACGIH TLV OSHA PEL	100 PPM 100 PPM	2.0 mm
< 2	1569-01-3	1-Propoxy-2-propanol ACGIH TLV OSHA PEL	Not Available Not Available	1.7 mm
< 5	107-98-2	1-Methoxy-2-propanol ACGIH TLV ACGIH TLV OSHA PEL OSHA PEL	100 PPM 150 PPM STEL 100 PPM 150 PPM STEL	10.9 mm
0 - 1	123-42-2	Diacetone Alcohol ACGIH TLV OSHA PEL	50 PPM 50 PPM	1.2 mm
< 5	111-77-3	2-(2-Methoxyethoxy)-ethanol ACGIH TLV OSHA PEL	Not Available Not Available	1.0 mm
< 9	111-76-2	2-Butoxyethanol ACGIH TLV OSHA PEL	20 PPM 25 PPM	0.9 mm
0 - 1	108-01-0	Dimethylethanol Amine ACGIH TLV OSHA PEL	Not Available Not Available	4.4 mm
0 - 1	872-50-4	1-Methyl-2-Pyrrolidone ACGIH TLV OSHA PEL	Not Available Not Available	1.0 mm
0 - 5	112926-00-8	Amorphous Precipitated Silica ACGIH TLV OSHA PEL	10 mg/m3 as Dust 6 mg/m3 as Dust	
0 - 15	1344-28-1	Aluminum Oxide ACGIH TLV OSHA PEL OSHA PEL	10 mg/m3 as Dust 15 mg/m3 Total Dust 5 mg/m3 Respirable Fraction	
0 - 15	14807-96-6	Talc ACGIH TLV OSHA PEL	2 mg/m3 as Resp. Dust 2 mg/m3 as Resp. Dust	
0 - 2	12001-26-2	Mica ACGIH TLV OSHA PEL	3 mg/m3 as Resp. Dust 3 mg/m3 as Resp. Dust	
0 - 2	Proprietary	Coated Mica ACGIH TLV OSHA PEL	3 mg/m3 as Dust 3 mg/m3 as Dust	
0 - 36	13463-67-7	Titanium Dioxide ACGIH TLV OSHA PEL OSHA PEL	10 mg/m3 as Dust 10 mg/m3 Total Dust 5 mg/m3 Respirable Fraction	
0 - 3	1333-86-4	Carbon Black ACGIH TLV OSHA PEL	3.5 mg/m3 3.5 mg/m3	
0 - 6	7782-42-5	Graphite ACGIH TLV OSHA PEL	2 mg/m3 2.5 mg/m3	
0 - 34	8007-18-9	Nickel Antimony Titanate ACGIH TLV OSHA PEL	0.5 mg/m3 0.5 mg/m3	
% by Weight		Ingredient		
3.6 maximum		Antimony (as Sb)		
0.5 maximum		Chromium III (as Cr)		

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

HMIS Codes

Health	2*
Flammability	0
Reactivity	0

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.

Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:

- the liver
- the urinary system
- the hematopoietic (blood-forming) system

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.

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.**SECTION 5 — FIRE FIGHTING MEASURES**

FLASH POINT	LEL	UEL	FLAMMABILITY CLASSIFICATION
Not Applicable	N.A.	N.A.	Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol 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.

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.

SECTION 7 — HANDLING AND STORAGE**STORAGE CATEGORY**

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.

Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION**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.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), 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 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.

When sanding, wirebrushing, abrading, burning or welding the dried film, wear a particulate respirator approved by NIOSH/MSHA for protection against non-volatile materials in Section 2.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	8.5 - 11.8 lb/gal	1020 - 1410 g/l
SPECIFIC GRAVITY	1.02 - 1.42	
BOILING POINT	212 - 396 °F	100 - 202 °C
MELTING POINT	Not Available	
VOLATILE VOLUME	70-85 %	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
pH	8 - 9	
VOLATILE ORGANIC COMPOUNDS (VOC)	Theoretical - As Packaged Maximum	
	3.5 lb/gal	420 g/l
	1.3 lb/gal	160 g/l
	Less Water and Federally Exempt Solvents Emitted VOC	

SECTION 10 — STABILITY AND REACTIVITY
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STABILITY — Stable**CONDITIONS TO AVOID**

None known.

INCOMPATIBILITY

Metallics may contain aluminum. Contamination with Water, Acids, or Alkalis can cause evolution of hydrogen, which may result in dangerous increased pressures in closed containers.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Metals in Section 2

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Limited evidence exists linking certain Nickel compounds to cancer in animals and possibly humans, however no direct evidence exists that Nickel Antimony Titanate is carcinogenic.

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

TOXICOLOGY DATA

CAS No.	Ingredient Name			
64742-88-7	Mineral Spirits	LC50 RAT LD50 RAT	4HR	Not Available Not Available
1569-01-3	1-Propoxy-2-propanol	LC50 RAT LD50 RAT	4HR	Not Available 2800 mg/kg
107-98-2	1-Methoxy-2-propanol	LC50 RAT LD50 RAT	4HR	Not Available 6600 mg/kg
123-42-2	Diacetone Alcohol	LC50 RAT LD50 RAT	4HR	Not Available 4000 mg/kg
111-77-3	2-(2-Methoxyethoxy)-ethanol	LC50 RAT LD50 RAT	4HR	Not Available 5500 mg/kg
111-76-2	2-Butoxyethanol	LC50 RAT LD50 RAT	4HR	Not Available 470 mg/kg
108-01-0	Dimethylethanol Amine	LC50 RAT LD50 RAT	4HR	Not Available 2340 mg/kg
872-50-4	1-Methyl-2-Pyrrolidone	LC50 RAT LD50 RAT	4HR	Not Available 4200 mg/kg
112926-00-8	Amorphous Precipitated Silica	LC50 RAT LD50 RAT	4HR	Not Available 4500 mg/kg
1344-28-1	Aluminum Oxide	LC50 RAT LD50 RAT	4HR	Not Available Not Available
14807-96-6	Talc	LC50 RAT LD50 RAT	4HR	Not Available Not Available
12001-26-2	Mica	LC50 RAT LD50 RAT	4HR	Not Available Not Available
Proprietary	Coated Mica	LC50 RAT LD50 RAT	4HR	Not Available Not Available
13463-67-7	Titanium Dioxide	LC50 RAT LD50 RAT	4HR	Not Available Not Available
1333-86-4	Carbon Black	LC50 RAT LD50 RAT	4HR	Not Available Not Available
7782-42-5	Graphite	LC50 RAT LD50 RAT	4HR	Not Available Not Available
8007-18-9	Nickel Antimony Titanate	LC50 RAT LD50 RAT	4HR	Not Available 499.9 mg/kg

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

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 extractability to determine the applicable EPA hazardous waste numbers. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

IATA/ICAO

Not Regulated for Transportation.

SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
872-50-4	1-Methyl-2-Pyrrolidone	maximum 1	
	Nickel Compound	maximum 34	maximum 1.1
	Antimony Compound	maximum 34	maximum 3.6
	Glycol Ethers	maximum 7	

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals 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.

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.