

AWX Waterborne Basecoat

AWX

Material Safety Data Sheet

2008

Section 1 -- Product and Company Identification

PRODUCT NUMBER		HMIS CODES	
		Health	2*
AWX- Waterborne Basecoat System		Flammability	0
All Colors		Reactivity	0

MSDS CODE
AWX

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
SHERWIN-WILLIAMS AUTOMOTIVE FINISHES	(216) 566-2917
101 Prospect Avenue N.W.	
Cleveland, OH 44115	

DATE OF PREPARATION	INFORMATION TELEPHONE NO.
4-SEP-08	(216) 566-2902

Section 2 -- Composition/Information on Ingredients

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
0-2	64742-88-7	Mineral Spirits		
		ACGIH TLV	100 ppm	2 mm
		OSHA PEL	100 ppm	
<2	1569-01-3	1-Propoxy-2-propanol		
		ACGIH TLV	Not Available	1.7 mm
		OSHA PEL	Not Available	
<5	107-98-2	1-Methoxy-2-propanol		
		ACGIH TLV	100 ppm	10.9 mm
		ACGIH TLV	150 ppm STEL	
		OSHA PEL	100 ppm	
		OSHA PEL	150 ppm STEL	
<4	111-77-3	2-(2-Methoxyethoxy)-ethanol		
		ACGIH TLV	Not Available	1 mm
		OSHA PEL	Not Available	
<7	111-76-2	2-Butoxyethanol		
		ACGIH TLV	20 ppm	0.88 mm
		OSHA PEL	25 ppm	
0-1	107-21-1	Ethylene Glycol		
		ACGIH TLV	100 mg/m3 CEILING (aerosol)	0.1 mm
		OSHA PEL	50 ppm CEILING	
0-2	112926-00-8	Amorphous Precipitated Silica		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	6 mg/m3 as Dust	

0-5	Proprietary	Coated Mica		
		ACGIH TLV	3 mg/m3 as Dust	
		OSHA PEL	3 mg/m3 as Dust	
0-5	1344-28-1	Aluminum Oxide		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	15 mg/m3 as Total Dust	
		OSHA PEL	5 mg/m3 as Respirable Dust	
0-10	13463-67-7	Titanium Dioxide		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	10 mg/m3 Total Dust	
		OSHA PEL	5 mg/m3 Respirable Fraction	
0-3	1333-86-4	Carbon Black		
		ACGIH TLV	3.5 mg/m3	
		OSHA PEL	3.5 mg/m3	
0-4	7782-42-5	Graphite		
		ACGIH TLV	2 mg/m3	
		OSHA PEL	2.5 mg/m3	
0-32	8007-18-9	Nickel Antimony Titanate		
		ACGIH TLV	0.5 mg/m3	
		OSHA PEL	0.5 mg/m3	

		3.5 maximum	Antimony (as Sb)	
		0.4 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.

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 10 -- Stability and Reactivity

STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

Contamination of Metallics with Water, Acids, or Alkalis can cause evolution of hydrogen, which may result in dangerously 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

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.

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.

Ethylene Glycol is considered an animal teratogen. It has been shown to cause birth defects in rats and mice at high doses when given in drinking water or by gavage. There is no evidence to indicate it causes birth defects in humans.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary and blood forming systems.

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."

TOXICOLOGY DATA

CAS No.	Ingredient Name				
64742-88-7	Mineral Spirits	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
1569-01-3	1-Propoxy-2-propanol	LC50	RAT	4HR	Not Available
		LD50	RAT		2800 mg/kg

107-98-2	1-Methoxy-2-propanol	LC50	RAT	4HR	Not Available
		LD50	RAT		6600. mg/kg
111-77-3	2-(2-Methoxyethoxy)-ethanol	LC50	RAT	4HR	Not Available
		LD50	RAT		5500 mg/kg
111-76-2	2-Butoxyethanol	LC50	RAT	4HR	Not Available
		LD50	RAT		470 mg/kg
107-21-1	Ethylene Glycol	LC50	RAT	4HR	Not Available
		LD50	RAT		4700 mg/kg
112926-00-8	Amorphous Precipitated Silica	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
Proprietary	Coated Mica	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
1344-28-1	Aluminum Oxide	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
13463-67-7	Titanium Dioxide	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
1333-86-4	Carbon Black	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
7782-42-5	Graphite	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
8007-18-9	Nickel Antimony Titanate	LC50	RAT	4HR	Not Available
		LD50	RAT		500 mg/kg

Section 12 -- Ecological Information

ECOTOXICOLOGICAL INFORMATION

No data available.

Section 13 -- Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products are not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

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Section 14 -- Transport Information

US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

Section 15 -- Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
107-21-1	Ethylene Glycol	maximum 1	
	Nickel Compound	maximum 32	1.0
	Chromium Compound	maximum 0.6	0.4
	Antimony Compound	maximum 32	3.5
	Glycol Ethers	maximum 7	

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 -- Other Information

These products have 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 these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the products. 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.

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