



Material Safety Data Sheet

The Sherwin-Williams Co.
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Cleveland, OH 44115

Emergency telephone number
Information telephone number
Date of preparation

002924 ✓
001836 ✓
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METALATEX™ Semi-Gloss Coating

002924

001836

B42

— Section 2 — CAS No. Hazardous Ingredients (percent by weight)		ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	B42W101 Pure White	B42W102 Midlone Base	B42W103 Deeptone Base	B42T104 Ultradeep Base	B42B3 Black	B42E39 Safety Orange	B42R38 Safety Red	B42Y37 Safety Yellow
112-34-5	2-(2-Butoxyethoxy)-ethanol	Not Established			0.1	4	2	2	2	2	2	2	2
107-21-1	Ethylene Glycol.	C 50	50	PPM	0.1	4 - 7	2 - 5	2 - 5	2 - 5	2	2	2	2
64742-54-7	Heavy Paraffinic Oil.	5	5	Mg/M3	as Mist							1	
9016-45-9	Nonylphenoxypoly(ethoxy)ethanol	Not Established										1	
14464-46-1	Cristoballite	0.05	0.05	Mg/M3	as Resp. Dust	0.1	0.1	0.1	0.2		0.2	0.2	
7727-43-7	Barium Sulfate.	10	10[5]	Mg/M3	as Dust [Resp. Fraction]				6	4			
13463-67-7	Titanium Dioxide.	10	10[5]	Mg/M3	as Dust [Resp. Fraction]	17	13	11					7
1333-86-4	Carbon Black.	3.5	3.5	Mg/M3		0 - 2	0 - 2	0 - 2	0 - 2	2			
	[% Barium]								[3.3]	[2.6]			
	Weight per Gallon (lbs.)					9.87	9.59	9.53	9.00	8.98	8.92	8.81	9.20
	Solids by Weight (%)					44.7	43.1	43.6	36.9	37.7	42.6	38.6	42.8
	Solids by Volume (%)					34.6	34.4	35.5	31.9	32.8	36.4	35.1	36.8
	Percent Water					46.8	52.6	52.0	58.3	57.6	53.2	54.5	52.7
	VOC (Volatile Organic Compounds) Total - lbs./gal.					0.83	0.41	0.41	0.42	0.41	0.37	0.60	0.40
	VOC Less Water & Federally Exempt Solvents - lbs./gal.					1.88	1.05	1.03	1.14	1.10	0.86	1.43	0.96
	Photochemically Reactive					No	No	No	No	No	No	No	No
	Flash Point (°F)					NAP	NAP	NAP	NAP	NAP	NAP	NAP	NAP
	HMS (NFPA) Rating (health - flammability - reactivity)					2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	3* - 0 - 0	2 - 0 - 0

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⁵ Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

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Section 3 — Physical Data

PRODUCT WEIGHT	See TABLE	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	1.06-1.19	VAPOR DENSITY	Heavier than Air
BOILING RANGE	212-448 °F	MELTING POINT	N.A.
VOLATILE VOLUME	61-68 %	SOLUBILITY IN WATER	N.A.
pH	9.3-9.5		

Section 4 — Fire And Explosion Hazard Data

FLAMMABILITY CLASSIFICATION FLASH POINT See TABLE LEL N.Ap UEL N.Ap

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.

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 5 — 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 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.

MEICAL 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 laundry before re-use.

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

If SWALLOWED: Get medical attention.

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.

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

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 and urinary systems.

Rats exposed to titanium dioxide dust at 250 mg./m³ developed lung cancer, however, such exposure levels are not attainable in the workplace.

Section 6 — Reactivity Data

STABILITY — Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

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

HAZARDOUS POLYMERIZATION — Will Not Occur

Section 7 — 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 B42B3 and B42T104 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.

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

Incinerate all products in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 8 — 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.

These coatings 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 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 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 — Precautions

DOL STORAGE CATEGORY

3B — for B42E39, B42R38 and B42Y37

NAP — for all other products

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

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 10 — Other Regulatory Information

CALIFORNIA PROPOSITION 65

WARNING: B42B3, B42T104, B42W101, B42W102, B42W103 and B42Y37 contain a chemical known to the State of California to cause cancer. B42E39 and B42R38 contain chemicals known to the State of California to cause cancer.

TSCA CERTIFICATION

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

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.

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