— Section 1 —
Product Identification

DTM Acrylic Semi-Gloss Enamel

Material Safety Data Sheet

The Sherwin-Williams Co.
101 Prospect Ave. N.W.
Cleveland, OH 44115

Emergency telephone number (216) 566-2917
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DTM Acrylic Semi-Gloss Enamel

B66/2

— Section 2 — CAS No.	Hazardous Ingredients (percent by weight)	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	B66W201 Pure White	B66W202 Midtone Base	B66W203 Deeptone Base	B66T204 Ultradeep Base	B66W200 Ultra White	B66A50 Off White	B66W1 Primer White	B66WW10 Barium Free Primer White	B71Y1 Wash Primer
111-77-3 §	2-(2-Methoxyethoxy)-ethanol	Not Established			1.0	3	3	3	3	3				
111-76-2 §	2-Butoxyethanol	25	25	PPM (Skin)	0.6									2
112-34-5 §	2-(2-Butoxyethoxy)-ethanol	Not Established			0.1		3	3	3	1		1	1	
107-21-1 §	Ethylene Glycol.	C 50	50	PPM	0.1	2 - 4	1 - 3	1 - 3	1 - 3	2				
108419-35-8	Oxo-Tridecyl Acetate.	Not Established			0.0	2	2	2	1	2				
14808-60-7	Quartz	0.1	0.1	Mg/M3	as Resp. Dust						11			
112926-00-8	Amorphous Precipitated Silica	10	6	MG/M3	as Dust									1
14464-46-1	Cristobalite	0.05	0.05	Mg/M3	as Resp. Dust	0.1	0.1	0.1	0.2	0.1				
14807-96-6	Talc	2	2	Mg/M3	as Resp. Dust									10
12001-26-2	Mica	3	3	Mg/M3	as Resp. Dust						4			
471-34-1	Calcium Carbonate.	10	15[5]	Mg/M3 [Resp.	as Dust Fraction]						11	26	27	
13463-67-7	Titanium Dioxide.	10	10[5]	Mg/M3 [Resp.	as Dust Fraction]	17	12	11		23	9	9	9	
1314-13-2	Zinc Oxide	10	10[5]	Mg/M3 [Resp.	as Dust Fraction]						1			
1333-86-4	Carbon Black.	3.5	3.5	Mg/M3		0 - 1	0 - 1	0 - 1	0 - 1					
§	Zinc Compound. [% Zinc]										2 [1.4]		2 [1.1]	3 [1.6]
§	Barium Compound. [% Barium]											5 [2.6]		
	Weight per Gallon (lbs.)					10.21	9.68	9.58	8.80	10.67	11.19	11.46	11.45	9.24
	Solids by Weight (%)					49.7	45.7	44.8	38.4	52.7	57.7	61.2	61.2	29.0
	Solids by Volume (%)					38.3	36.6	36.2	34.6	39.3	43.0	46.2	46.3	20.6
	Percent Water					42.2	45.1	46.7	53.3	39.0	40.7	33.4	33.1	67.8
	VOC (Volatile Organic Compounds) Total - lbs./gal.					0.80	0.86	0.78	0.71	0.86	0.16	0.60	0.64	0.28
	VOC Less Water & Federally Exempt Solvents - lbs./gal.					1.66	1.81	1.69	1.63	1.72	0.35	1.12	1.18	1.16
	Photochemically Reactive					No	No	No	No	No	No	No	No	No
	Flash Point (°F)					NAp	NAp	NAp	NAp	NAp	NAp	NAp	NAp	NAp
	HMIS (NFPA) Rating (health - flammability - reactivity)					2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	2* - 0 - 0	1* - 0 - 0	2 - 0 - 0	2 - 0 - 0	2 - 0 - 0

PERCENT BY WEIGHT

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

→→→ MSDS Text Page Follows →→→

Section 3 — Physical Data

PRODUCT WEIGHT	See TABLE	*EVAPORATION RATE*	Slower than Ether
SPECIFIC GRAVITY	1.03-1.38	*VAPOR DENSITY*	Heavier than Air
BOILING RANGE	212-545 °F	*MELTING POINT*	N.A.
VOLATILE VOLUME	53-79 %	*SOLUBILITY IN WATER*	N.A.
pH	8.5-9.5		

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.
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: 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, urinary and blood forming 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 B66W1 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 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 — Precautions

DOL STORAGE CATEGORY - Not applicable
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: B66E39, B66T204, B66W200, B66W201, B66W202, B66W203 and B66Y37 contain a chemical known to the State of California to cause cancer. B66A50, B66W1, B66WW10 and B71Y1 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 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.