

Prod.Name: Z01044670 BLACK & AQUA SPATTER Manufacturer: SHERWIN-WILLIAMS COMPANY HMCS ID: 30020491 SUC: 02 - Solvents - Flashpoint < 100 F	MATERIAL SAFETY DATA SHEET	Revision: 19.May.2009 Effective: 19.May.2009 Print Date: 24.Sep.2009 Page: 1 of 7
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1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT INFORMATION

Product Name: Z01044670 BLACK & AQUA SPATTER

External Keys:

1051499 Distributable Material (Part #)
Reconditioning Primary Tradename - Distributable Material
Paint Black &
Aqua

MANUFACTURER INFORMATION

Manufacturer: SHERWIN-WILLIAMS COMPANY

Address:

101 Prospect Avenue N.W. USA Ohio 44115 Cleveland MAILING

Communication Lines:

Phone	216-566-2917	Medical emergency
Phone	216-566-2902	Regulatory information
Phone	800-247-3270	Information - Duplicolor Products Group
Phone	800-247-3266	Information - Diversified Brands
Phone	800-832-2541	Information - Krylon Products Group
Phone	800-251-2486	Information - Consumer Group Industrial
Phone	800-424-9300	Transportation emergency (Chemtrec)

2 INGREDIENT INFORMATION

Synonyms:

Product Number: Z01044670

FORMULATION

Ingredients:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Prefix</u>	<u>Value</u>	<u>Unit</u>	<u>Exposure Limits</u>
PROPANE	74-98-6	=	10	% Wt	Yes
BUTANE	106-97-8	=	10	% Wt	Yes
Naphtha, petroleum, hydrotreated heavy	64742-48-9	=	29	% Wt	No
BARIUM SULFATE	7727-43-7	=	4	% Wt	Yes
TITANIUM OXIDE	13463-67-7	=	0.2	% Wt	Yes
CARBON BLACK	1333-86-4	=	0.6	% Wt	Yes
WATER	7732-18-5	=	30	% Wt	No
ACETIC ACID, VINYL ESTER, POLYMER	9003-20-7	Range	10-15	% Wt	No

3 HAZARDS IDENTIFICATION

Specific Hazards:

ROUTES OF EXPOSURE: INHALATION of vapor or spray mist. EYE or SKIN contact with the product, vapor or spray mist.

Specific Hazards (Routes Of Exposure):

<u>Exposure Routes</u>	<u>Observation</u>
Eye contact	Irritation
Skin Contact	Prolonged or repeated exposure may cause irritation.
Inhalation	Irritation of the upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Effects Of Overexposure:

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headache, dizziness, nausea, and loss of coordination are indications of excessive

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3 HAZARDS IDENTIFICATION

Effects Of Overexposure:
 exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Medical Conditions Aggravated By Exposure:
 None generally recognized.

4 FIRST AID MEASURES

First Aid By::

Inhalation	If affected, remove from exposure. Restore breathing. Keep warm and quiet.
Skin Contact	Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Eye Contact	Flush eyes with large amounts of water for 15 minutes. Get medical attention.
Ingestion	Do not induce vomiting. Get medical attention immediately.

5 FIRE FIGHTING MEASURES

Flash Point:
 < 0 °F

Explosive Limits:

Upper Explosive Limit (UEL)	=	9.5
Lower Explosive Limit (LEL)	=	0.8

Extinguishing Media:
 Carbon Dioxide, Dry Chemical, Alcohol Foam

Fire and Explosion Hazards:
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Application to hot surfaces requires special precautions. 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:
 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.

Comment:
 Full protective equipment including self-contained breathing apparatus should be used.
 Flashpoint (SETA) is = 54 F without propellant. Flame extension is 18 to 36 inches. Product flashes back.

6 ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES

Recovery:
 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
 Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Disposal:
 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 ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

7 HANDLING AND STORAGE

HANDLING

Safe Handling Procedures:
 Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.
 During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding

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7 HANDLING AND STORAGE

HANDLING

Safe Handling Procedures:
procedures.

STORAGE

Storage Conditions:
STORAGE CATEGORY: Not Available
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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:
VENTILATION: Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. RefertoOSHA Standards 1910.94,1910.107,1910.108.

EXPOSURE LIMITS

Chemical Name	CAS Number	Type	Value	Specification	Source
PROPANE	74-98-6	PEL-TWA	1000ppm	-	OSHA - Permissible Exposure Limits (PELs)
PROPANE	74-98-6	GM OEG -TWA	1000ppm	-	GM Occupational Exposure Guidelines (OEG)
PROPANE	74-98-6	TLV-TWA	1000ppm	-	Threshold Limit Values (TLVs) - ACGIH
PROPANE	74-98-6	State-TWA	1000ppm	-	MICHIGAN
PROPANE	74-98-6	State-TWA	1000ppm	-	NEW YORK
PROPANE	74-98-6	State-TWA	1000ppm	-	TENNESSEE
BUTANE	106-97-8	TLV-TWA	1000ppm	-	Threshold Limit Values (TLVs) - ACGIH
BARIUM SULFATE	7727-43-7	PEL-TWA	15mg/m3	-	OSHA - Permissible Exposure Limits (PELs)
BARIUM SULFATE	7727-43-7	GM OEG -TWA	10mg/m3	-	GM Occupational Exposure Guidelines (OEG)
BARIUM SULFATE	7727-43-7	TLV-TWA	10mg/m3	-	Threshold Limit Values (TLVs) - ACGIH
BARIUM SULFATE	7727-43-7	State-TWA	10mg/m3	-	MICHIGAN
BARIUM SULFATE	7727-43-7	State-TWA	10mg/m3	-	NEW YORK
BARIUM SULFATE	7727-43-7	State-			TENNESSEE

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Limit Values:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Type</u>	<u>Value</u>	<u>Specification</u>	<u>Source</u>
TITANIUM OXIDE	13463-67-7	TWA	10mg/m3	-	OSHA - Permissible Exposure Limits (PELs)
		PEL- TWA	15mg/m3	-	
TITANIUM OXIDE	13463-67-7	GM OEG -TWA	10mg/m3	-	GM Occupational Exposure Guidelines (OEG)
TITANIUM OXIDE	13463-67-7	TLV- TWA	10mg/m3	-	Threshold Limit Values (TLVs) - ACGIH
TITANIUM OXIDE	13463-67-7	State- TWA	10mg/m3	-	MICHIGAN
TITANIUM OXIDE	13463-67-7	State- TWA	5mg/m3	-	NEW YORK
TITANIUM OXIDE	13463-67-7	State- TWA	10mg/m3	-	TENNESSEE
CARBON BLACK	1333-86-4	PEL- TWA	3.5mg/m3	-	OSHA - Permissible Exposure Limits (PELs)
		GM OEG -TWA	3.5mg/m3	-	
CARBON BLACK	1333-86-4	TLV- TWA	3.5mg/m3	-	GM Occupational Exposure Guidelines (OEG)
CARBON BLACK	1333-86-4	State- TWA	3.5mg/m3	-	Threshold Limit Values (TLVs) - ACGIH
CARBON BLACK	1333-86-4	State- TWA	3.5mg/m3	-	MICHIGAN
CARBON BLACK	1333-86-4	State- TWA	3.5mg/m3	-	NEW YORK
CARBON BLACK	1333-86-4	State- TWA	3.5mg/m3	-	TENNESSEE

Comment:

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).

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment (PPE):

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. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.
Hand Protection	PROTECTIVE GLOVES: None required for normal

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment (PPE):

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.

Hygiene Measures:

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.

Special Precautions:

OTHER PRECAUTIONS: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical State: Liquid

PHYSICAL PROPERTIES

pH Value:

= 7.0

Changes of State:

Boiling Point Range 0 - 314 °F -18-156°C

Melting/Freezing Point Not Available Melting Point

Vapor Density:

Heavier than air.

Evaporation Rate:

Faster than ether.

Density:

Density = 6.84 lb/gal 819 g/l

Specific Gravity:

= 0.82

Solubility:

Water N.A.

VOC:

Theoretical VOC (by wt.) = 49.16 '%' Less water and federally exempt solvents.

Total Amount Of::

Percent Volatile by Volume = 87 '%'

10 STABILITY AND REACTIVITY

STABILITY INFORMATION

Stability Under Normal Conditions: Stable

Conditions to Avoid:

None known

Incompatible Materials:

None known

Hazardous Polymerization:

Will not occur.

HAZARDOUS DECOMPOSITION

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10 STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION

Reactions:

<u>Type of Reaction</u>	<u>Reaction Products</u>
Decomposition	HAZARDOUS DECOMPOSITION PRODUCTS: By fire: Carbon Dioxide, Carbon Monoxide

11 TOXICOLOGICAL INFORMATION

SCIENTIFIC OBSERVATIONS

LETHAL LIMIT VALUES

Data By Chemical:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Type</u>	<u>Prefix</u>	<u>Species</u>	<u>Comment</u>
PROPANE	74-98-6	LC50	Not Available	Rat	4H
PROPANE	74-98-6	LD50	Not Available	Rat	
BUTANE	106-97-8	LC50	Not Available	Rat	4H
BUTANE	106-97-8	LD50	Not Available	Rat	
Naphtha, petroleum, hydrotreated heavy	64742-48-9	LC50	Not Available	Rat	4H
Naphtha, petroleum, hydrotreated heavy	64742-48-9	LD50	Not Available	Rat	
BARIUM SULFATE	7727-43-7	LC50	Not Available	Rat	4H
BARIUM SULFATE	7727-43-7	LD50	Not Available	Rat	
TITANIUM OXIDE	13463-67-7	LC50	Not Available	Rat	4H
TITANIUM OXIDE	13463-67-7	LD50	Not Available	Rat	
CARBON BLACK	1333-86-4	LC50	Not Available	Rat	4H
CARBON BLACK	1333-86-4	LD50	Not Available	Rat	

CLASSIFICATION OF INGREDIENTS

Carcinogenicity:

CHRONIC HEALTH HAZARDS: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. 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.

CALIFORNIA PROPOSITION 65: WARNING: This product contains chemicals known to the State of California to cause cancer.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Comment:

ECOTOXICOLOGICAL INFORMATION: No data available.

13 DISPOSAL CONSIDERATIONS

Waste Disposal Information:

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

14 TRANSPORT INFORMATION

DOT Information:

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

DOT UN Code:

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14 TRANSPORT INFORMATION

DOT UN Code:
1950

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

15 REGULATORY INFORMATION

LABELLING

Hazard Codes:

NFPA Health	2
NFPA Flammability	3
NFPA Reactivity	0
HMIS Health	2
HMIS Flammability	3
HMIS Reactivity	0

Comment:
NFPA assigned by General Motors Technical Review.

NATIONAL REGULATIONS

SARA 311/312: No
SARA 313: No
Immediate Health: No
Delayed Health: No
Fire: No
Sudden Pressure Release: No
Reactive: No
Other Regulation:
SARA 313 (40 CFR372.65C) SUPPLIER NOTIFICATION
TSCA CERTIFICATION

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

STATE/LOCAL REGULATIONS

Comment:
CALIFORNIA PROPOSITION 65: WARNING: This product contains chemicals known to the State of California to cause cancer.

16 OTHER INFORMATION