

# SAFETY DATA SHEET

Revision Date 10-Aug-2016

Revision Number 4

## 1. IDENTIFICATION

**Product Identifier**
**Product Name** Black Wrinkle

**Other means of identification**
**Product Code(s)** 10153

**Product Type** Polyurethane

**Recommended use of the chemical and restrictions on use**
**Recommended Use** Industrial Coating.

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**
**Supplier Address**

 263 Shoemaker Road  
 Pottstown Pa 19464

**Emergency telephone number**
**Company Phone Number** 610-343-9353

**Emergency Telephone Number** CHEMTREC (800) 424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**
**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity

Category 1A

**Label elements**
**Emergency Overview**
**Signal Word** Danger

**Hazard Statements**

May cause cancer


**Appearance** Powder

**Physical State** Solid, powder

**Odor** None

### Precautionary Statements - Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention  
In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes  
Remove contact lenses, if present and easy to do. Continue rinsing  
IF ON SKIN: Gently wash with plenty of soap and water  
If skin irritation or rash occurs: Get medical advice/attention

### Precautionary Statements - Storage

Store in a dry place

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC)

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard  
Product dust may be irritating to eyes, skin and respiratory system

### Other Information

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Components	CAS No.	Weight-%	Trade Secret
Limestone	1317-65-3	15-30	*
Barium sulfate	7727-43-7	15-30	*
Carbon black	1333-86-4	<1.0%	*
Quartz	14808-60-7	<1.0%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

### Description of first aid measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water. Take off contaminated clothing and wash before reuse. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	None under normal use conditions. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
<b>Notes to Physician</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use, Foam, Dry chemical or CO2

### Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

### Specific Hazards Arising from the Chemical

Fine dust dispersed in air may ignite. Prevent fire extinguishing water from contaminating surface water or the ground water system.

**Explosion Data**

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Ensure adequate ventilation. Use personal protection equipment. Avoid dust formation. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Cleaning Up** Prevent environmental discharge consistent with regulatory requirements. Use non-sparking tools. Pick up and transfer to properly labeled containers. Disposal should be in accordance with applicable regional, national and local laws and regulations.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Handling** Use personal protection equipment. Avoid contact with eyes, skin and clothing. Do not breathe dust. Avoid dust formation. Do not ingest.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep only in the original container at a temperature not exceeding .? °C. Keep container tightly closed. Store in accordance with local regulations. Store in a dry place.

**Incompatible Products** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA - WEEL
Limestone 1317-65-3	-	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	-
Barium sulfate 7727-43-7	TWA: 5 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 10 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	-
Carbon black 1333-86-4	TWA: 3 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>	-
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	(vacated) TWA: 0.1 mg/m <sup>3</sup>	IDLH: 50 mg/m <sup>3</sup> TWA: 0.05 mg/m <sup>3</sup>	-

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Avoid contact with eyes. Eye protection.
<b>Skin and Body Protection</b>	Wear protective gloves/protective clothing.
<b>Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Solid, powder	<b>Odor</b>	Odorless
<b>Appearance</b>	Powder	<b>Odor Threshold</b>	No data available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Specific test data for the substance or mixture is not available	
<b>Melting point / freezing point</b>	No information available	
<b>Boiling Point / Boiling Range</b>	Specific test data for the substance or mixture is not available	
<b>Flash Point</b>	Specific test data for the substance or mixture is not available	
<b>Evaporation Rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper Explosive Limits</b>	70 g/m <sup>3</sup>	
<b>Lower Explosive Limits</b>	30 g/m <sup>3</sup>	
<b>Vapor pressure</b>	Negligible	
<b>Vapor Density</b>	Specific test data for the substance or mixture is not available	
<b>Specific Gravity</b>	1.2-1.8	
<b>Water Solubility</b>	Immiscible in water	
<b>Solubility in other solvents</b>	Specific test data for the substance or mixture is not available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition Temperature</b>		
<b>Decomposition Temperature</b>	No information available	
<b>Kinematic viscosity</b>	No information available	
<b>Dynamic viscosity</b>	Specific test data for the substance or mixture is not available	
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

**Other Information**

<b>Softening Point</b>	Specific test data for the substance or mixture is not available
<b>Solids</b>	100%

**10. STABILITY AND REACTIVITY**

**Reactivity**  
No data available

**Chemical stability**  
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**  
None under normal processing.

**Conditions to Avoid**  
Excessive heat.

**Incompatible Materials**

Strong oxidizing agents, strong acids, and strong bases.

### **Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

## **11. TOXICOLOGICAL INFORMATION**

### **Information on likely routes of exposure**

<b>Product Information</b>	Substances which cause concern for man owing to possible mutagenic effects but for which the available information is not adequate for making a satisfactory assessment.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Repeated exposure may cause skin dryness or cracking. May cause irritation.
<b>Ingestion</b>	Not an expected route of exposure. May be harmful if swallowed.

Components	Oral LD50	Dermal LD50	Inhalation LC50
Carbon black 1333-86-4	> 15400 mg/kg ( Rat )	-	-
Quartz 14808-60-7	= 500 mg/kg ( Rat )	-	-

### **Information on toxicological effects**

**Symptoms** Specific test data for the substance or mixture is not available.

### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause sensitization in susceptible persons.  
**Mutagenic Effects** Specific test data for the substance or mixture is not available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Components	ACGIH	IARC	NTP	OSHA
Carbon black 1333-86-4	A3	Group 2B	-	X
Quartz 14808-60-7	A2	Group 1	Known	X

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

### **Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 36,195.00

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

20.4217186 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

### **Persistence and Degradability**

No information available.

### **Bioaccumulation/Accumulation**

No information available.

**Other adverse effects** No information available

## **13. DISPOSAL CONSIDERATIONS**

### Waste treatment methods

**Disposal Methods** Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging** Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated.

**IATA** Not regulated.

**IMDG/IMO** Not regulated.

## 15. REGULATORY INFORMATION

**TSCA 8(b)** All components are listed or exempt  
**DSL** At least one component is not listed

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Components	Weight-%	SARA 313 - Threshold Values %
Barium sulfate - 7727-43-7	16.7579	1.0

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

#### **U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Components	Weight-%	HAPS data
Epichlorohydrin 106-89-8	<0.1%	Present

#### **CWA (Clean Water Act)**

See information supplied by the manufacturer

#### **CERCLA**

See information supplied by the manufacturer

### US State Regulations

#### **California Proposition 65**

This product contains (a) Proposition 65 chemical(s)

Components	California Proposition 65
Carbon black - 1333-86-4	Carcinogen
Quartz - 14808-60-7	Carcinogen
Epichlorohydrin - 106-89-8	Carcinogen Male Reproductive

#### **U.S. EPA Label Information**

EPA Pesticide Registration Number No data available

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<u>NFPA</u>	Health Hazard 2	Flammability 1	Instability 0	Physical and Chemical Hazards -
<u>HMIS / WHMIS</u>	Health Hazard 2	Flammability 1	Physical hazards 0	Personal Precautions X

Revision Date 10-Aug-2016

**Revision Note**

No information available

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**