



HEALTH	1
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PPE	

## Safety Data Sheet (SDS)

Revision / Review Date: 4/20/15

### 1. Chemical Product and Company Identification

Product Name: Ricon 153 DLD  
Distributed By: HB Chemical  
1665 Enterprise Parkway  
Twinsburg Oh 44087  
Phone - 330-920-8023

SDS Prepared By (w Suppliers Input): HB Chemical  
Chemical Name / Family: 65% polybutadiene on a synthetic calcium silicate carrier  
Synonyms: M(Ricon 153) 65  
Molecular Formula: Not available  
Molecular Weight via GPC, Mn: Not available  
Product Use: Dispersions  
OSHA Status: Not Hazardous  
CAS No: Proprietary

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

### 2. Hazard(s) Identification

Warning: Serious Eye Damage/Eye Irritation, Category 2A  
Specific Target Organ Toxicity (single exposure), Category 3



Signs and Symptoms of Exposure: Irritation to the eyes and/or skin.

Primary Routes of Entry: Skin and eyes.

Medical Conditions Generally Aggravated by Exposure: Not available.

Eye Contact: Causes serious eye irritation.

Skin Contact: May be harmful if absorbed through the skin. Causes skin irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May cause respiratory irritation.

HMIS Hazard Ratings: Health-1, Flammability -2, Reactivity - 1

HMIS limitation statement:

The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. All of the information contained in the SDS should be consulted to assist with the safe handling of this material.

Principal Hazardous Components:

Ricon 153 DLD, OSHA TWA = PEL: 15 (dust); 5 (resp.) mg/m<sup>3</sup>, ACGIH TWA = TLV: 10 mg/m<sup>3</sup> (E)

**3. Composition / Information on Ingredients**

Weight Percent / Typical	Component Identity	CAS Registry Number
26.0 -37.0 %	Silicic acid, Calcium salt	1344-95-2
62.0 -68.0 %	Polybutadiene rubber	9003-17-2

**4. First Aid Measures**

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Eyes:

Flush eyes with copious quantities of water while holding eyelids open. If symptoms persist or if there is any visual difficulty, consult physician.

Skin:

Wash exposed area with soap and water.

Ingestion:

Get medical aid immediately. If conscious and alert, rinse mouth and drink 2-4 cupful's of water. Never give anything by mouth to an unconscious person.

**5. Fire-Fighting Measures**

Suitable Extinguishing Media:

Water Spray, Dry Chemical, Carbon Dioxide CO<sub>2</sub>, Foam.

Special Fire Fighting Procedures:

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

Hazardous Combustion Products:

Not available.

Unusual fire and explosion hazards:

Not available.

**6. Accidental Release Measures**

Steps to be taken in case material is Spilled:

Sweep up material and if suitable, replace into original container; or dispose into a proper waste container. Use proper personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental Disposal Information:

Do not let enter drains.

Waste Disposal:

Keep in suitable, closed containers for disposal. Reclaim or dispose of in accordance with local, state, and federal regulations.

**7. Handling and Storage**

Empty Containers:

Not available.

Precautions to be taken in handling:

Avoid contact with eyes, skin. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Storage:

Store in a cool, dry, well-ventilated area. Keep containers closed when not in use. Do not store near extreme heat, open flame, or sources of ignition.

**8. Exposure Controls / Personal Protection**

Exposure Controls:

Not available.

Respiratory Protection:

Where risk assessment shows air-purifying respirators are appropriate use a dust mask.

Ventilation:

Use only outdoors or in a well-ventilated area.

Hand protection:

Handle with gloves.

Eye Protection:

Wear safety glasses or chemical goggles to prevent eye contact as necessary.

Skin and Body Protection:

Wear appropriate protective clothing to prevent skin exposure. Choose body protection according to the amount and concentration of dangerous substance at the work place.

Other Precautions:

Avoid breathing dust, fumes, gas, mist, vapors or sprays. Wash with soap and water before eating, drinking or using toilet facilities. Launder contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Decontamination Facilities:

Eye bath, washing facilities (sinks / showers).

**9. Physical and Chemical Properties**

Physical Form:

Solid

<u>Appearance &amp; Odor:</u>	Tan to beige free flowing powder/Odorless
<u>Specific Gravity:</u>	1.31 ± .10
<u>Softening Point, R&amp;B:</u>	Not available.
<u>Solubility in Water:</u>	Insoluble
<u>Flash Point, TAG CC F:</u>	Not available.
<u>Percent Volatiles (by weight):</u>	Not available.
<u>Evaporation Rate (Water ~ I):</u>	Not available.
<u>Vapor Pressure (mm Hg):</u>	Not available.
<u>Vapor Density (Air ~ I):</u>	Not available.
<u>Boiling Point (°F) Initial:</u>	Not available.
<u>Auto ignition Temperature, °C:</u>	Not available.
<u>Flammable Limits, %(V):</u>	Not available.

### **10. Stability and Reactivity**

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Incompatible with peroxides and reactive materials.
<u>Conditions to Avoid:</u>	Extreme temperatures.
<u>Hazardous Polymerization:</u>	May occur when heated.
<u>Hazardous Decomposition product:</u>	Oxides of carbon upon combustion.

### **11. Toxicological Information**

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, ACGIH or OSHA.

OSHA Permissible Exposure Limit: OSHA TWA = PEL: 15 (dust); 5 (resp.) mg/m<sup>3</sup>

ACGIH Threshold Limit Value: ACGIH TWA = TLV: 10 mg/m<sup>3</sup> (E)

### **12. Ecological Information**

This material has not been evaluated for environmental effects.

### **13. Disposal Considerations**

Reclaim or dispose of material in accordance with all applicable local, state, and federal regulations.

#### 14. Transport Information

D.O.T. Shipping Name: Self-heating solid, organic, n.o.s, polybutadiene resin, UN3088, Hazard class: 4.2, packing group: II



Air - ICAO (international Civil Aviation Organization): Self-heating solid, organic, n.o.s.(polybutadiene resin)

Sea - IMDG (International Maritime Dangerous Goods): Self-heating solid, organic, n.o.s.(polybutadiene resin), UN Number: 3088, Packing Group: II, Hazard Class: SPONTANEOUSLY COMBUSTIBLE, Marine Pollutant: No

Canadian TDG: Self-heating solid, organic, n.o.s.(polybutadiene resin), UN Number: 3088, Packing Group: II, Hazard Class: SPONTANEOUSLY COMBUSTIBLE

ADR/RID Shipping Name: Self-heating solid, organic, n.o.s.(polybutadiene resin)

#### 15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

##### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Components (Chemical Name)	Section 302 (EHS)	Section 304 RQ	Section 313 (TRI)
1344-95-2	Silicic acid, Calcium salt	No	No	No
9003-17-2	Polybutadiene rubber	No	No	No

CAS #	Components (Chemical Name)	Other US EPA or State Lists
1344-95-2	Silicic acid, Calcium salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 4002; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
9003-17-2	Polybutadiene rubber	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

CAS #	Components (Chemical Name)	International Regulatory Lists
1344-95-2	Silicic acid, Calcium salt	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - (1)-194; Japan ISHL: No; Korea ECL: Yes - KE-30982; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: No; Switzerland Giffliste 1: No; Switzerland INNS: No; REACH: Yes - (R), (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No
9003-17-2	Polybutadiene rubber	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - (6)-720; Japan ISHL: No; Korea ECL: Yes - KE-03724; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: No; Switzerland Giffliste 1: No; Switzerland INNS: No; REACH: Yes - (P); Kyoto GHG: No; Rotterdam: No; Stockholm: No

## 16. Other Information

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.