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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** POWER BEAD ULTRA BLACK RTV SILICONE 9.5OZ  
**Item No:** 85080  
**Product Type:** Silicone (Barrier Pack)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
CALCIUM CARBONATE 471-34-1	40-50	10 mg/m <sup>3</sup> total dust	15 mg/m <sup>3</sup> dust; 5 mg/m <sup>3</sup> respir
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	30-40	Not Listed	Not Listed
POLYBUTYLENE RESIN 9003-29-6	10-20	Not Listed	Not Listed
VINYL OXIMINOSILANE 2224-33-1	1-10	Not Listed	Not Listed
STEARIC ACID 57-11-4	1-10	Not Listed	Not Listed
CARBON BLACK 1333-86-4	0.1-1.0	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup> TWA
Nitrogen 7727-37-9	****	Not Listed	Not Listed
2-BUTANONE OXIME 96-29-7	****	Not Listed	Not Listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye and skin irritation. May irritate lips, gums, tongue, mouth, nose and throat. May be harmful if swallowed. When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde. \*\*\*\*When this product if exposed to moisture, up to 5% butanone oxime may be formed.

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation.

**Signs and Symptoms of Exposure:** Butanone oxime produced during curing is toxic and irritates eyes, nose and throat. Overexposure to the silane may cause coma and respiratory failure.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
CARBON BLACK 1333-86-4	0.1-1.0		Group A4	Group 2B; Vol. 65, pg 149, 1996

**Medical Conditions Recognized as Being Aggravated by Exposure:** None known

### 4. FIRST AID MEASURES

**Ingestion:** Rinse mouth with water several times. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

**Inhalation:** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

**Skin Contact:** Wipe off paste with paper towel or cloth. Wash exposed area with soap and water. Seek medical attention if irritation persists.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point (°F/C):** More than 200 degrees F. (base material) Method: Tag Closed Cup  
**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.

**Special Fire-Fighting Procedures:**

\*\*\*Warning: This container is pressurized with nitrogen. Do not remove rubber plug. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

**Hazardous Products Formed by Fire or Thermal Decomposition:**

Silica fume, Formaldehyde, Oxides of carbon. Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime.

**Unusual Fire/Explosion Hazards:**

Contents under pressure. Heated cans may burst. Use equipment or shielding to protect personnel from bursting containers.

**Lower Explosive Limit:**

Not determined

**Upper Explosive Limit:**

Not determined

## **6. ACCIDENTAL RELEASE MEASURES**

**Spill Procedures:**

Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a well-ventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.

## **7. HANDLING AND STORAGE**

**Storage:**

Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F. Exposure to high temperatures may cause container to burst.

**Handling:**

Avoid contact with skin and eyes. Do not inhale vapors.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:**

Not normally required, but wearing safety glasses will minimize exposure. Do NOT wear contact lenses.

**Skin:**

Rubber or plastic gloves

**Ventilation:**

General ventilation is usually adequate.

**Respiratory Protection:**

Not normally necessary.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:**

Black paste

**Odor:**

MILD

**Boiling Point (°F):**

Not applicable, polymeric material

**pH:**

Does not apply

**Solubility in Water:**

Polymerized

**Specific Gravity:**

1.35

**VOC Content(Wt.%):**

9.04% by weight; 122 g/l for base material

**Vapor Pressure:**

Less than 5 mm Hg @ 70 degrees F.

**Vapor Density (Air=1):**

3.0

**Evaporation Rate:**

Slower than butyl acetate

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:**

Stable at normal conditions

**Hazardous Polymerization:**

WILL NOT OCCUR

**Incompatibilities:**

Strong oxidizers. Polymerized by contact with moisture. Acids, Iron.

**Conditions to Avoid:**

Moisture while storing. Do not expose to heat or store at temperatures above 120 F.

**Hazardous Products Formed by Fire or Thermal Decomposition:**

Silica fume, Formaldehyde, Oxides of carbon. Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime.

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.

**US EPA Waste Number:**

D003 - (Can under pressure) Hazardous waste per 40CFR 261.23(6)

## **14. TRANSPORTATION INFORMATION**

### **DOT (49CFR 172)**

#### **Domestic Ground Transport**

**DOT Shipping Name:** CONSUMER COMMODITY  
**Hazard Class:** ORM-D  
**UN/ID Number:** None  
**Marine Pollutant:** None

#### **IATA**

**Proper Shipping Name:** Consumer Commodity  
**Class or Division:** Class 9  
**UN/NA Number:** ID 8000

#### **IMDG**

**Proper Shipping:** Aerosols, Limited Quantity  
**Hazard Class:** Class 2.2  
**UN Number:** UN 1950

## **15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

#### **SARA 313 Information**

NONE

#### **CALIFORNIA PROP 65:**

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

#### **TSCA Inventory Status:**

**Listed on Inventory:** YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

## **16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 1

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILILTY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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