

**MATERIAL SAFETY DATA SHEET  
DYMONIC FC BUFF**

===== **SECTION I - PRODUCT IDENTIFICATION** =====

**TRADE NAME:** Dymonic FC Buff

**PRODUCT USE:** Sealant

**DISTRIBUTED BY:** The Rot Doctor  
PO BOX 30612  
Seattle, WA, 98113  
(206)364-2155

**FOR CHEMICAL EMERGENCY**  
Spill, Leak, Fire, Exposure or Accident  
**CALL INFOTRAC - Day or Night**  
**1-800-535-5053**  
Outside the United States call Collect  
1-352-323-3500

**DATE REVISED:** September 1, 2006

===== **SECTION II - HAZARDS IDENTIFICATION** =====

**EMERGENCY OVERVIEW:** Buff. Non-sag gunnable paste. Vapor may irritate respiratory tract. May cause nausea, headaches, and dizziness. Leave area to breath fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**ACUTE POTENTIAL HEALTH EFFECTS / ROUTES OF ENTRY:**

**INHALATION:** Vapor may irritate respiratory tract. May cause nausea, headaches, and dizziness.

**EYES:** Direct contact may cause mild irritation. May cause temporary injury.

**INGESTION:** May cause gastrointestinal irritation, nausea, and vomiting.

**SKIN:** May cause sensitization resulting in irritation, itching and redness.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing eye, skin, liver, kidney, and respiratory disorders may be aggravated by exposure.

**CHRONIC HEALTH EFFECTS:** Prolonged or repeated exposure to butyl benzyl phthalate may cause reduced body weights and adverse effects on the liver, kidney, spleen, pancreas, and reproductive organs. Organosilane may cause liver injury with fibrosis after repeated and prolonged overexposure. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**TARGET ORGANS:** Skin, Eye, Ingestion, Lung

===== **SECTION III - PRODUCT COMPOSITION** =====

| <b>CHEMICAL NAME</b>          | <b>CAS NUMBER</b>       | <b>WEIGHT %</b> |
|-------------------------------|-------------------------|-----------------|
| CALCIUM CARBONATE             | 471-34-1                | 30.0 - 60.0     |
| POLYURETHANE POLYMER          | NJ TSRN# 51721300-5388P | 15.0 - 40.0     |
| BUTYL BENZYL PHTHALATE        | 85-68-7                 | 15.0 - 40.0     |
| CALCIUM CARBONATE (LIMESTONE) | 1317-65-3               | 7.0 - 13.0      |
| DIISODECYL PHTHALATE          | 26761-40-0              | 3.0 - 7.0       |

===== SECTION IV - FIRST AID MEASURES =====

Get immediate medical attention for any significant overexposure.

**INHALATION:** Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**EYE CONTACT:** Flush with water for at least 15 minutes. If irritation persists, get medical attention.

**SKIN CONTACT:** Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

**INGESTION:** Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

===== SECTION V - FIRE FIGHTING MEASURES =====

**FLASH POINT:** Not available.  
**METHOD:** Not available.

**BURNING RATE:** Non-flammable solid

**LOWER EXPLOSION LIMIT:** Not available.

**UPPER EXPLOSION LIMIT:** Not available.

**AUTOIGNITION TEMPERATURE:** Not available.

**EXTINGUISHING MEDIA:** If water fog is ineffective, use carbon dioxide, dry chemical or foam.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, Fumes. Carbon monoxide and carbon dioxide can form.

**PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:** Water may be used to cool containers to minimize pressure build-up. Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

**FIRE AND EXPLOSION CONDITIONS:** Closed container, may burst when exposed to extreme heat. Empty containers may contain ignitable vapors. Vapor concentrations in enclosed areas may ignite explosively. Vapors may travel to sources of ignition and flashback.

===== SECTION VI - ACCIDENTAL RELEASE MEASURES =====

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area.

===== SECTION VII - HANDLING AND STORAGE =====

Store under dry warehouse conditions away from heat and all ignition sources. Store in a cool, well ventilated area. Prevent inhalation of vapor, ingestion, and contact with skin, eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Do not smoke, weld, generate sparks, or use flame near container. Change soiled work clothes frequently. Clean hands thoroughly after handling

===== SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

**PERSONAL PROTECTION EQUIPMENT**

**RESPIRATORY PROTECTION:** Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator, when airborne contaminant level(s) are expected to exceed the exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.

**HAND PROTECTION:** Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.

**EYE PROTECTION:** Chemical splash goggles.

**PROTECTIVE MEASURES:** Use professional judgment in the selection, care, and use.

**ENGINEERING MEASURES:** Use only in well ventilation areas. Provide maximum ventilation in enclosed areas. Use general ventilation and/or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS.

**EXPOSURE LIMITS**

| CHEMICAL NAME                 | CAS NUMBER | REGULATION   | LIMIT   | FORM  |
|-------------------------------|------------|--|---|---|
| Calcium carbonate             | 471-34-1   | ACGIH TWA:<br>OSHA PEL:<br>OSHA PEL:<br>OSHA TWA:<br>OSHA TWA:               | 10 mg/m3<br>5 mg/m3<br>15 mg/m3<br>15 mg/m3<br>5 mg/m3            | Respirable fraction.<br>Total dust.<br>Total dust.<br>Respirable fraction.  |
| Calcium Carbonate (Limestone) | 1317-65-3  | OSHA PEL:<br>OSHA PEL:<br>ACGIH TWA:<br>ACGIH TWA:<br>OSHA TWA:<br>OSHA TWA: | 5 mg/m3<br>15 mg/m3<br>3 mg/m3<br>10 mg/m3<br>15 mg/m3<br>5 mg/m3 | Respirable fraction.<br>Total dust.<br>Respirable particles.<br>Inhalable particles.<br>Total dust.<br>Respirable fraction. |

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

**Form:** Non-sag gunnable paste  
**COLOR:** Buff  
**ODOR:** SlightEster  
**pH:** Not available  
**VAPOR PRESSURE:** Not available  
**VAPOR DENSITY:** Heavier than air  
**MELTING POINT/RANGE:** Not available  
**FREEZING POINT:** Not available  
**BOILING POINT/RANGE:** Not available  
**WATER SOLUBILITY:** Negligible  
**SPECIFIC GRAVITY:** 1.454  
**% VOLATILE WEIGHT:** 0%

===== **SECTION X - REACTIVITY/STABILITY** =====

**SUBSTANCES TO AVOID:** Epoxy curing agents. Amines and oxidizing agents.

**STABILITY:** Material is stable under normal storage, handling, and use.

**HAZARDOUS POLYMERIZATION:** Will not occur.

===== **SECTION XI - TOXICOLOGICAL INFORMATION** =====

**Calcium carbonate**, CAS-No.: 471-34-1

Acute oral toxicity (LD-50 oral)      6,450 mg/kg (Rat)

**Butyl benzyl phthalate**, CAS-No.: 85-68-7

Acute oral toxicity (LD-50 oral)      13,500 mg/kg (Rat)

===== **SECTION XII - ECOLOGICAL INFORMATION** =====

No Data Available

===== **SECTION XIII - DISPOSAL CONSIDERATIONS** =====

**DISPOSAL METHOD:** Recycle or dispose of in compliance with local, provincial and federal regulations.

===== **SECTION XIV - TRANSPORTATION / SHIPPING DATA** =====

**TDG / DOT SHIPPING DESCRIPTION:** NOT REGULATED

===== SECTION XV - REGULATORY INFORMATION =====

**NORTH AMERICAN INVENTORIES:**

All components are listed or exempt from the TSCA Inventory.  
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. FEDERAL REGULATIONS:**

SARA 313 Components: None present or none present in regulated quantities.  
SARA 311/312 Hazards: Acute Health Hazard

| <b>OSHA HAZARDOUS COMPONENTS:</b> | <b>CAS NUMBER</b> |
|-----------------------------------|-------------------|
| CALCIUM CARBONATE                 | 471-34-1          |
| CALCIUM CARBONATE (LIMESTONE)     | 1317-65-3         |

**OSHA STATUS:** Considered hazardous based on the following criteria: Irritant

**OSHA FLAMMABILITY:** Not Regulated

**REGULATORY VOC (LESS WATER AND EXEMPT SOLVENT):** 3 g/l

**VOC METHOD 310:** 0%

**U.S. STATE REGULATIONS:**

**MASS RTK COMPONENTS:**

|                               |           |
|-------------------------------|-----------|
| CALCIUM CARBONATE             | 471-34-1  |
| BUTYL BENZYL PHTHALATE        | 85-68-7   |
| CALCIUM CARBONATE (LIMESTONE) | 1317-65-3 |

**PENN RTK COMPONENTS:**

|                               |                         |
|-------------------------------|-------------------------|
| CALCIUM CARBONATE             | 471-34-1                |
| POLYURETHANE POLYMER          | NJ TSRN# 51721300-5388P |
| BUTYL BENZYL PHTHALATE        | 85-68-7                 |
| CALCIUM CARBONATE (LIMESTONE) | 1317-65-3               |
| DIISODECYL PHTHALATE          | 26761-40-0              |

**NJ RTK COMPONENTS:**

|                               |                         |
|-------------------------------|-------------------------|
| CALCIUM CARBONATE             | 471-34-1                |
| POLYURETHANE POLYMER          | NJ TSRN# 51721300-5388P |
| BUTYL BENZYL PHTHALATE        | 85-68-7                 |
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| DIISODECYL PHTHALATE          | 26761-40-0              |

**CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER BIRTH DEFECTS AND/OR OTHER REPRODUCTIVE HARM:**

|            |   |
|------------|---|
| 14808-60-7 | Crystalline Silica (Quartz)/Silica Sand |
| 1333-86-4  | Carbon Black                            |

===== SECTION XVI - OTHER INFORMATION =====

**HMIS RATING:**

|              |   |
|--------------|---|
| Health       | 2 |
| Flammability | 1 |
| Reactivity   | 0 |
| PPE          |   |

|              |
|--------------|
| 0 = Minimum  |
| 1 = Slight   |
| 2 = Moderate |
| 3 = Serious  |
| 4 = Severe   |

**FURTHER INFORMATION:** For industrial use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**LEGEND**

- ACGIH - American Conference of Governmental Hygienists
- CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
- DOT - Department of Transportation
- DSL - Domestic Substance List
- EPA - Environmental Protection Agency
- HMIS - Hazardous Materials Information System
- IARC - International Agency for Research on Cancer
- MSHA - Mine Safety Health Administration
- NDSL - Non-Domestic Substance List
- NIOSH - National Institute for Occupational Safety and Health
- NTP - National Toxicology Program
- OSHA - Occupational Safety and Health Administration
- PEL - Permissible Exposure Limit
- RCRA - Resource Conservation and Recovery Act
- RTK - Right To Know
- SARA - Superfund Amendments and Reauthorization Act
- STEL - Short Term Exposure Limit
- TLV - Threshold Limit Value
- TSCA - Toxic Substances Control Act
- TWA - Time Weighted Average
- V - Volume
- VOC - Volatile Organic Compound
- WHMIS - Workplace Hazardous Materials Information System