

**MATERIAL SAFETY DATA SHEET
DYMONIC FC BLACK**

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

TRADE NAME: Dymonic FC Black
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: January 25, 2008

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

EMERGENCY OVERVIEW: Black. Non-sag gunnable paste. May cause nausea, headaches, and dizziness. May cause Allergic respiratory sensitization. Leave area to breath fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

ACUTE POTENTIAL HEALTH EFFECTS / ROUTES OF ENTRY:

INHALATION: May cause nausea, headaches, and dizziness. May cause allergic respiratory sensitization.

EYES: Direct contact may cause mild irritation.

INGESTION: May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.

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

AGGRAVATED MEDICAL CONDITIONS

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. Carbon black is classified by IARC to be a known animal carcinogen and a possible human carcinogen (Group 2B). Carbon black is encapsulated by resin and not expected to have adverse effects unless made airborne. 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.

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

CHEMICAL NAME	CAS NUMBER	WEIGHT %
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	10.0 - 30.0
CALCIUM CARBONATE (LIMESTONE)	1317-65-3	7.0 - 13.0
DIISODECYL PHTHALATE	26761-40-0	7.0 - 13.0
CARBON BLACK	1333-86-4	- <1.0
CRYSTALLINE SILICA (QUARTZ)/ SILICA SAND	14808-60-7	- <0.1

===== 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: Clean area of contact thoroughly using 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: Carbon monoxide and carbon dioxide can form. Hydrocyanic acid and nitrogen oxides can form.

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

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

Use appropriate protective equipment. Avoid contact with material. Scrape up and transfer to appropriate container for disposal.

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

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 store or use near food. Store under dry warehouse conditions away from heat and all ignition sources.

===== 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 gloves, such as nitrile or neoprene and suitable protective apparel.

EYE PROTECTION: Wear appropriate eye protection. Use safety glasses if eye contact is likely.

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

ENGINEERING MEASURES: Use general ventilation and/or local exhaust to reduce the airborne contaminant concentration below the exposure limit in the MSDS.

EXPOSURE LIMITS

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>REGULATION</u>	<u>LIMIT</u>	<u>FORM</u>
Calcium carbonate (Limestone)	1317-65-3	OSHA PEL: OSHA PEL: ACGIH TWA: ACGIH TWA: OSHA TWA: OSHA TWA:	5 mg/m3 15 mg/m3 3 mg/m3 10 mg/m3 15 mg/m3 5 mg/m3	Respirable fraction. Total dust. Respirable particles. Inhalable particles. Total dust. Respirable fraction.
Carbon Black	1333-86-4	ACGIH TWA: OSHA PEL: OSHA TWA: OSHA TWA:	3.5 mg/m3 3.5 mg/m3 15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
Crystalline Silica (Quartz) / Silica Sand	14808-60-7	OSHA TWA: OSHA TWA: OSHA PEL: OSHA PEL: ACGIH TWA:	0.1 mg/m3 0.3 mg/m3 15 mg/m3 5 mg/m3 0.025 mg/m3	Respirable. Total Dust. Total Dust. Respirable fraction. Respirable fraction.

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

Form: Non-sag gunnable paste
COLOR: Black
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: Insoluble
SPECIFIC GRAVITY: 1.454
% VOLATILE WEIGHT: 0%

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

SUBSTANCES TO AVOID: Amines. Water or moisture. Alcohols. Strong acids. Strong bases.
STABILITY: Stable
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: Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

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

TDG / DOT SHIPPING DESCRIPTION: NOT REGULATED

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

NORTH AMERICAN INVENTORIES:

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

U.S. FEDERAL REGULATIONS:

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

OSHA HAZARDOUS COMPONENTS: CAS NUMBER

Butyl benzyl phthalate	85-68-7
Calcium Carbonate (Limestone)	1317-65-3
Carbon Black	1333-86-4
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

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

OSHA FLAMMABILITY: Not Regulated

REGULATORY VOC (LESS WATER AND EXEMPT SOLVENT): 5 g/l

VOC METHOD 310: 0%

CHEMICAL IS LISTED AS AN IARC, NTP, OSHA, OR ACGIH CARCINOGEN:

Butyl benzyl phthalate	85-68-7
Carbon Black	1333-86-4

U.S. STATE REGULATIONS:

MASS RTK COMPONENTS:

CALCIUM CARBONATE	471-34-1
BUTYL BENZYL PHTHALATE	85-68-7
CALCIUM CARBONATE (LIMESTONE)	1317-65-3
CRYSTALLINE SILICA (QUARTZ)/ SILICA SAND	14808-60-7

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
CALCIUM CARBONATE (LIMESTONE)	1317-65-3
DIISODECYL PHTHALATE	26761-40-0
CARBON BLACK	1333-86-4

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

85-68-7	Butyl benzyl phthalate
1333-86-4	Carbon Black
117-81-7	Dioctyl phthalate
14808-60-7	Crystalline Silica (Quartz)/ Silica Sand

===== 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
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System