

**MATERIAL SAFETY DATA SHEET**

MSDS Name: GrabberGuard IFC  
Revision Date: August 30, 2012

**1. Product and Company Identification**

**Product Name:** GrabberGuard IFC  
**Product Code:** GGIFC10, GGIFC 20, GGIFC29, GGIFC5

**Supplier:** Grabber Construction Products  
205 Mason Circle  
Concord, CA 94520

**Medical Emergency:** Passive Fire Protection Partners, 1412 Derwent Way, Delta, BC V3M 6H9, (800) 810 - 1788

**Product Information:** 800-877-TURN (Concord, California) 8:00 a.m. - 4:00 p.m PST

**2. Composition/Information on Ingredients**

Ingredient	CAS Number	% (wt.)	LC <sub>50</sub> (rat)	LD <sub>50</sub> (rat)	TLV	STEL
Calcium Carbonate	1317-65-3	< 50	N/A	N/A	N/A	N/E
Acrylic Polymer	None known	< 45	N/A	N/A	N/A	N/A
Water	7732-18-5	< 25	N/A	N/A	N/E	N/E
Graphite	7782-42-5	< 10	N/A	N/A	2.0 mg/M3	N/A
1,2-Propylene Glycol	57-55-6	< 2	N/A	20-34 g/Kg	50 ppm	N/A
Color Pigment	1309-37-1	< 1	N/A	N/A	N/A	N/A
Polyethylene Glycol	25322-68-3	< 0.5	N/A	N/A	N/A	N/E
P(EA/MAA)	25212-88-8	< 0.5	N/A	N/A	N/A	N/A

**3. Physical Properties**

<b>Appearance / Physical State</b>	Rust Red, viscous compound
<b>Odor</b>	Mild odor
<b>Odor Threshold</b>	Slightly aromatic odor
<b>Vapor Pressure (mm Hg)</b>	N/A
<b>Vapor Density (Air = 1)</b>	of Water vapor
<b>Coefficient of H2O/Oil Distrib</b>	Not determined
<b>Specific Gravity (@25°C)</b>	1.40 – 1.50
<b>Evaporation Rate</b>	< 1
<b>Boiling Point (°C)</b>	> 100
<b>Freezing Point (°C)</b>	0
<b>pH</b>	8.0 – 9.0
<b>VOC contents (g/L)</b>	37.1

**4. Fire and Explosion Data**

<b>Flammability</b>	No
<b>Means of Extinction</b>	Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.
<b>Special Fire-fighting Procedures</b>	Firefighters should wear the usual protective gear use self-contained Breathing apparatus.
<b>Auto-ignition Temperature (°C)</b>	N/A
<b>Flash Point (°C) / Method</b>	N/A
<b>Upper Flammable Limit (% Volume)</b>	N/A
<b>Lower Flammable Limit (% Volume)</b>	N/A
<b>Sensitivity to Mechanical Impact</b>	No
<b>Sensitivity to Static Discharge</b>	No
<b>Hazardous Combustion Products</b>	Carbon Monoxide, Carbon Dioxide, aliphatic hydrocarbons and hydro carbon oxidation products

# MATERIAL SAFETY DATA SHEET

MSDS Name: GrabberGuard IFC  
Revision Date: August 30, 2012

## 5. Reactivity Data

<b>Stability</b>	Stable at normal condition
<b>Condition of Reactivity</b>	Contact with incompatible substances
<b>Incompatible Materials</b>	Reacts with mineral acids and alkalis
<b>Hazardous Decomposition Products</b>	Dried films forced to burn will produce: Carbon Monoxide, Carbon Dioxide, Aliphatic Hydrocarbons and Hydrocarbon Oxidation products.

## 6. Toxicological Properties

<b>Routes of Exposure</b>	<input checked="" type="checkbox"/> Skin contact <input checked="" type="checkbox"/> Skin absorption <input checked="" type="checkbox"/> Eye contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
<b>Effects of Acute Exposure to Product</b>	Skin and eye irritation may occur after contact with the product.
<b>Effects of Chronic Exposure to Product</b>	None known
<b>Exposure to Product</b>	
<b>Exposure Limits</b>	None known
<b>Irritancy of Product</b>	Slight on skin and eyes
<b>Sensitization of Product</b>	None known
<b>Carcinogenicity</b>	None known
<b>Teratogenicity</b>	None known
<b>Reproductive Toxicity</b>	None known

## 7. First Aid Measures

<b>Eye Contact</b>	Flush with large quantities of water gently for 15 minutes and get medical attention.
<b>Skin Contact</b>	Wash with soap and water.
<b>Inhalation</b>	Remove affected person away from source of exposure to fresh air and get medical attention IMMEDIATELY
<b>Ingestion</b>	Get medical attention IMMEDIATELY.

## 8. Preventive Measures

<b>Engineering Controls</b>	Standard industrial ventilation is recommended.
<b>Personal Protective Equipment</b>	Chemical safety glasses and gloves were required during normal use and handling.
<b>Eye Protection (Specify)</b>	Face shield or chemical goggles were recommended.
<b>Skin Protection (Specify)</b>	Chemical resistant nitrile, neoprene or rubber gloves were recommended if contact to the product directly.
<b>Respiratory (Specify)</b>	Respiratory protection is not normally required. Use NIOSH/MSHA approved respirator if condition warrant.
<b>Other</b>	

## 9. Precautions for Safe Handling and Use

<b>Handling Procedure and Equipment</b>	N/A
<b>Storage Requirement</b>	Material should be kept in a closed canteens and stored between 4 – 32°C (40 –90°F)
<b>Spill, Leak or Releases</b>	Wear protective equipment during cleanup.
<b>Waste Disposal</b>	Care should be taken to ensure that the material or it's containers and disposed of in an approved facility, state, provincial and local regulations.
<b>Special Shipping Instructions</b>	DO NOT FREEZE

## 10. Regulation Information

<b>WHMIS</b>	Not controlled
<b>HMIS</b>	Health 1, Flammability 0, Reactivity 0
<b>TDG Regulation</b>	Not classified as a hazardous material.
<b>TSCA</b>	All ingredients of this product are on the inventory list.
<b>DSL</b>	All ingredients of this product are on the list.

# MATERIAL SAFETY DATA SHEET

MSDS Name: GrabberGuard IFC  
Revision Date: August 30, 2012

---

## 11. Preparation Information

<b>Prepared by</b>	Chemical Laboratory, Passive Fire Protection Partners
<b>Preparation Date</b>	11 March 2003
<b>Telephone</b>	(604) 515-1788
<b>Reason for Revision</b>	New updating, rev 002, April 27, 2007 Logo updating, rev 003, June 18, 2007 Spelling mistake on Section of Preventive Measures, rev 004, April 9, 2008 Formulation updating, rev 005, January 16, 2009 Spelling mistake on Section of Precaution for Safe Handling and Use, rev 006, March 1, 2010 Review, rev007, August 30, 2012
<b>Revision Date</b>	August 30, 2012
<b>Abbreviations Used</b>	% (wt.) = Weight Percentage CAS Number = Chemical Abstracts Series Number DSL = Domestic Substance List in Canada H= Hours HMIS = Hazardous Material Identification System LC <sub>50</sub> = Lethal Concentration, 50% LD <sub>50</sub> = Lethal Dose, 50% MSHA = Mine Safety and Health Administration N/A = Not Applicable or Not Available N/E = None Established NIOSH = The National Institute for Occupational Safety and Health STEL = Short Term Exposure Limit TDG = Transportation of Dangerous Goods TLV = Threshold Limit Value TSCA = Toxic Substance Control Act in US VOC = Volatile Organic Compounds WHMIS = Workplace Hazardous Material Identification System

---

This information is provided in good faith and is correct to the best of PFP Partners' knowledge as of the date hereof; however, PFP Partners makes no representation as to its completeness or accuracy. Customers are encouraged to make their own determination as to the suitability of this product for their purpose prior to use. PFP Partners disclaims responsibility to damages of any kind resulting from the use of this information. THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES.