

MATERIAL SAFETY DATA SHEET

Date of issue: January 1, 2013

May be used to comply with OSHA'S Hazard Communication Standard 29 CFR 1910, 1200 Standard must be consulted for specific requirements. IDENTITY (As Used on Label and List)

U.S. DEPARTMENT OF LABOROccupational Safety and Health Administration
(Non-Mandatory Form)

Form Approved

OMB No. 128-0072

Note: Blank spaces are not permitted

If any item is not applicable or no
information is available, the space
must be marked to indicate that**Section I - MANUFACTURER**Product name: Black Phosphate
Supplier: Grabber Construction Products
205 Mason Circle
Concord, CA 94520Emergency telephone: (412) 434-4515 (U.S.)
number (514) 645-1320 (Canada)
01-800-00-21-400 (Mexico)

Technical phone number 800-877-TURN (Concord, California) 8:00 a.m. - 5:00 p.m PST

Section II - HAZARDOUS INGREDIENTSHazardous Components
(Specific Chemical Identity:)
Common Name (s)
Chemical Analysis. Unit %
orthophosphoric acid: 50

OSHA PEL ACGIH TLV % (Optional)

Section III - Physical / Chemical

Characteristics		
Specific Gravity:	(H2O - 1)	1.56 + 0.01
Boiling Point:	100 Degrees c	
Melting Point:	1000 degree c	
Vapor Pressure:	(mm Hg)	
Vapor Density:	(AIR - 1)	
Evaporation:	(Butyl Acetate)	
Medicament:	No volatilize	
Solubility in Water:	Dissolution 100%	
Appearance and Odor:	Green liquid	No odor

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Section IV - Fire & Explosion Hazard Date

Flash Point (Method Used):	Flammable Limits Nonflammable	LEL Product is not self igniting	None
Extinguishing Media:	Not Applicable		
Special Fire Fighting Procedures:	None		
Unusual Fire and Explosion Hazards: (Reproduce Locally)	None		

Section V Reactivity Data

Stability:	Stable/if used according to specifications
Conditions to Avoid:	No decomposition
Incompatibility (materials to avoid):	
Hazardous Decomposition or Byproducts:	
Hazardous:	May occur
Polymerization:	Will not occur

Section VI Health Hazard Data

Route(s) of Entry:	Inhalation/none Ingestion/yes
Health Hazards(Acute and Chronic):	Not flammable or combustible. Steel products (screw) in the solid state present no fire or explosion hazard and do not contribute to the combustion of other materials.
Carcinogenicity:	none NTP/none IARC Monographs OSHA Regulated
Signs and Symptoms of Exposure:	none
Medical Conditions Generally Aggravated by Exposure:	none
Emergency and First Aid Procedures	
Skin Contact:	Immediately flush skin with water for 15 Minutes. If no comfort is received - seek medical treatment
Ingestion:	Do not force spit, use water mouth wash clean, give patient drink some water. If patient vomits, immediately drink some water. If no comfort receive medical treatment.

Section VII Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:	Centralize disposal
Waste disposal method:	Dispose of the substance in accordance with the related laws and regulations.
Precautions to be taken in handling and storing:	Wash your hands after handling it - avoid storing the substance in high temperatures or highly humid places. Do not put screws in your mouth
Other precautions:	At temperatures above the melting point oxide and zinc fumes may be released along with other alloying elements

Section VIII Control Measures

Respiratory Protection (Specify Type)	
Ventilation	
Local Exhaust:	none
Special:	none
Mechanical (General):	none
Other:	none
Protective Gloves:	Rubber gloves
Eye Protection:	Safety glasses
Other Protective Clothing or Equipment:	Install a washstand in workshop for washing hands
Work:	Hygienic practices