

MATERIAL SAFETY DATA SHEET

Revision Date: January 1, 2013

Grabber Metal Fasteners inclusive, but not limited to, carbon steel and stainless steel bolts, screws washers, nails, brackets and clips do not meet or incorporate the criteria of hazardous materials as defined by the Federal Occupational Safety and Health Communication Standard 29 CFR 1910.1200 (c).

Grabber Construction Products provides this general communication to certify that the materials above with the various corrosion resistant coatings are not chemically hazardous to the consumer or post consumer.

Manufacturer:

Grabber Construction Products
20 West Main Street
Alpine, UT 81004-1889
800-477-8876

Product Identification:

Grabber and Scorpion branded carbon steel and stainless steel bolts, screws, washers, nails, brackets and clips.

Chemical Components:

Ferrous and nonferrous plating and/or coatings in multiple colors.

Coatings may be applied (often at the customer's request) to the surface of metal products. These are usually classified as protective coatings or lubricants. The typical coatings are as follows:

Phosphates/Oil	Dyeing (Color Identification)
Phosphates/ Paint	Clear Zinc Plating/ Chromate
Chrome Plating	Yellow Zinc Di-Chromate Plating
Chromate (Metal Filled) Paint	Waxes
Organic Coating (GrabberGard)	Powder Coatings

The possible presence of these coatings on metal products should be recognized and considered when evaluating potential employee health hazards and exposures during normal use.

MSDS for plating and coatings are available in their pre-consumer state at: www.grabberman.com in Technical Data>MSDS>screws

Physical Characteristics:

Specific Gravity: 7.6+	Physical State: Solid
Melting Point: >1400 degrees F	Odor: NA
Shape: Various	Boiling Point: NA
PH: NA	Solubility in H2O: NA
Vapor density: NA	Vapor Pressure: NA
Evaporation Rate: NA	

Fire and Explosion Hazard

Flammability: non flammable

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Reactivity Data:

Stability: Stable
Incompatibilities (Materials to Avoid): Acids
Polymerization: Will Not Occur
Hazardous Decomposition Products: None Anticipated

Health Hazard Data:

Health Effects/Signs & Symptoms: Not Applicable
Usual Route (s) of Entry: Sharp Metal Fastener May Cut Skin
Medical Conditions Possibly Aggravated: None Known

Carcinogen Information:

Chromium, Cadmium and Nickel have been included on the NTP list of Carcinogens.
Gloves should be worn when handling Chromium, Nickel and Cadmium treated metals.

Eye Contact:

Not anticipated to pose a significant eye hazard.

Skin Contact:

Not anticipated to pose a significant skin hazard.
Ingestion: Not anticipated to pose a significant ingestion hazard.
Inhalation: Not considered an inhalation hazard.

Occupational Exposure Control Measures:

Eye Protection: Safety glasses recommended
Skin Protection: Gloves recommended
Ingestion: Never place metal fasteners in mouth

Spill, Leak and Disposal Information:

N/A

Waste Disposal Method(s):

Any excess product can be recycled for further use or disposed of by methods which are in accordance with local, state and federal regulations.

Miscellaneous Information:

LEED Information- Grabber and Scorpion branded carbon steel and stainless steel bolts, screws, washers, nails, brackets and clips are classified as building materials. As such, fasteners are part of a system.

Applicable LEED standards:

Materials and Resources

Fasteners, Screws
4.1 – 4.2 : Recycled Content 0%
% Post Consumer = 0
% Post Industrial = 0

Grabber Screw packaging cartons are made of 80% recycled paper and 20% new paper products. Plastic Buckets are re-useable and recyclable.