

# Material Safety Data Sheet

## RPA-445

### MATERIAL SAFETY DATA SHEET

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Better Engineering Mfg., Inc.

Date: May 1, 2009

### SECTION 1: PRODUCT IDENTIFICATION

<b>Distributor:</b>	Better Engineering Mfg., Inc. 8361 Town Center Court Baltimore, Maryland 21236	<b>Emergency Phone:</b>	800-535-5053 (INFOTRAC)
<b>Trade Name:</b>	RPA-445	<b>Product Type:</b>	Liquid rust inhibitor

### SECTION 2: HAZARDOUS INGREDIENTS

RPA-445 contains no hazardous ingredients per 29 CFR 1910: Better engineering submits this MSDS to assure our customers that we are aware of our obligations under OSHA.

### SECTION 3: PHYSICAL DATA

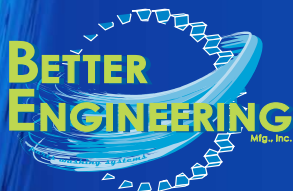
<b>Boiling point (°F):</b> >212	<b>Specific gravity (H<sub>2</sub>O = 1.0):</b> 1.17
<b>Vapor pressure (mm/Hg):</b> < I	<b>Vapor density (air = 1.0):</b> > 1.0
<b>Solubility in water:</b> Complete	<b>pH:</b> = 7-9
<b>Evaporation rate (vs. H<sub>2</sub>O):</b> slower	<b>Appearance and odor:</b> Amber liquid with no odor

### SECTION 4: FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (T.C.C.):</b> None	<b>Flammable limits:</b> Upper N/A Lower N/A
<b>Extinguishing media:</b> foam, water fog, CO <sub>2</sub>	<b>Unusual fire and explosion hazards:</b> None known
<b>Special fire fighting procedures:</b> None known	

### SECTION 5: REACTIVITY DATA

<b>Stability:</b> Stable
<b>Incompatibility:</b> Do not mix with acids, and/or strong oxidizers. This product contains amines - do not mix with nitrite salts or substances containing nitrite salts.
<b>Hazardous Decomposition Products:</b> When exposed to fire, produces normal products of combustion.



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### SECTION 6: HEALTH HAZARDS

**Primary Routes of Exposure:** (x) Eyes (x) Skin (x) Oral (x) Inhalation ( ) Other

**Signs and Symptoms of Overexposure (Acute):** Skin and eye irritation

**Signs and Symptoms of Overexposure (Chronic):** None known

**Medical Conditions Aggravated by Overexposures:** None known

**Carcinogen or Suspect Carcinogen:** None

### SECTION 7: EMERGENCY FIRST AID PROCEDURES

**Eyes:** In case of contact with eyes, flush with water for 20-30 minutes. Consult a physician immediately.

**Skin:** Flush affected area with water for 20-30 minutes.

**Ingestion:** If large quantities are swallowed, drink lukewarm water (never give anything to an unconscious person). Do not induce vomiting. Seek medical attention immediately.

**Inhalation:** If overcome by exposure, remove victim to fresh air. Give oxygen or artificial respiration if needed. Seek medical attention immediately.

**Note to physician:** Toxicology studies have shown similar material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

### SECTION 8: SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Not expected to be needed under normal conditions of use.

**Ventilation Requirements:** Local exhaust.

**Other Protection:** Always wear gloves, safety glasses (PVC coated) and protective clothing. Eye bath and safety shower.

### SECTION 9: SPILL AND LEAK PROCEDURES

**Spill Control Procedure:** Small spills can be wiped up. Large spills should be contained in a central area and absorbed with sand or other suitable absorbents for disposal. Consult local codes for disposal. Use caution when handling; refer to section six (6) for Health hazards.

### SECTION 10: STORAGE AND HANDLING INFORMATION

**Shipping Procedures:** Store in tightly closed containers away from flame and strong oxidizing agents. Keep from freezing.