

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION

MATERIAL NAME: Conditioner

MANUFACTURER: Erie Metal Specialties, Inc.
13311 Main Road
Akron, NY 14001

SUPPLIER: Erie Metal Specialties, Inc.
13311 Main Road
Akron, NY 14001

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SECTION II – HAZARDOUS INGREDIENTS

| <u>Hazardous Ingredients</u> | <u>CAS Number</u> | <u>WT%</u> | <u>Exposure Limits</u> | |
|------------------------------|-------------------|------------|------------------------|------------------------|
| | | | <u>OSHA (PEL/TWA)</u> | <u>ACVGIH(TLV/TWA)</u> |
| Ethyl Acetate | n/a | 60 to 100 | n/a | n/a |
| Benzoyl Peroxide | 94-36-0 | 5 to 10 | n/a | 5 |
| Non Hazardous Components | n/a | 5 to 10 | n/a | n/a |

SECTION III – HAZARDS IDENTIFICATION

Potential Health Hazards – Acute

Eye: Will result in eye irritation.

Skin: Will result in skin irritation.

Inhalation: High vapor concentration may produce nausea, vomiting, headaches, dizziness, unconsciousness and asphyxia in central nervous system.

Ingestion: May cause abdominal pain, vomiting and diarrhea.

Potential Health Effects – Chronic

Overexposure may result in damage to kidney and liver.

| | | | |
|------------------|---------------------------|------------------------|------------|
| Carcinogenicity: | N/A | Teratogenicity: | N/A |
| Sensitization: | Yes; Skin and Respiratory | Reproductive Toxicity: | N/A |
| Mutagenicity: | N/A | Synergistic Products: | None Known |

SECTION IV – FIRST AID MEASURES

Eye: Immediately flush with plenty of clean water for at least 15 minutes and get immediate medical attention.

Skin: Remove contaminated clothing. Clean affected area(s) thoroughly with soap and water.

Inhalant: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Ingestion: DO NOT INDUCE VOMITING. Administer large amounts of milk or water if available. Transport to a medical facility

SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST

MATERIAL SAFETY DATA SHEET**SECTION V – FIRE FIGHTING MEASURES:**

Flammability: Yes
Flash Point (set-a-flash closed cup): -4 degrees C
Extinguishing Media: Extinguish with water spray, water fog, dry chemical, CO2 or foam.
Hazard Combustion Products: Carbon monoxide, carbon dioxide biphenyls.

Fire Fighting Instructions: Closed containers may rupture violently when exposed to heat. Irritating vapors may be released during a spill. Combustion by-products may be hazardous. Use water only to cool containers to disperse vapors. Do not incinerate closed containers. Do not enter confined fire space without full bunker gear including a positive pressure, NIOSH approved, self-contained breathing apparatus.

SECTION VI – REACTIVITY DATA:

STABILITY: Avoid Excessive Heating Over Long Periods of Time

DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: May occur

CONDITIONS TO AVOID: Heat, open flames and sparks

SECTION VII – TOXICOLOGICAL INFORMATION:

Route of Entry: Skin contact, eye contact, skin absorption, inhalation

| | | |
|-------------------|---------------------|--------------------------|
| Components: | Oral LD 50 (Rat) | Inhalation LC50 (Rat) |
| Benzoyl Peroxide: | 950 mg/kg | n/a |
| Ethyl Acetate: | 11000 mg/kg | n/a |

SECTION VIII– HANDLING & STORAGE PRECAUTIONS:

HANDLING: Avoid inhalation, skin and eye contact. Practice good personal hygiene. Wash repeatedly with soap and water during the work day.

VENTILATION: Provide general dilution or local exhaust in volume and pattern to keep TLV of hazardous ingredients below acceptable limits.

PERSONAL PROTECTION: Wear clean, long-sleeved, body-covering clothing. Use impervious gloves, chemical splash goggles and full-face shield. When respiratory protection is required, use an approved air-purifying respirator.

STORAGE: Store containers tightly closed with adequate ventilation in a cool dry area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: waterlike liquid

ODOR: Pungent

BOILING POINT: 77 deg C

VAPOR PRESSURE (m/HG): 100.0

VAPOR DENSITY: (Air = 1): 3.0

SOLUBILITY IN WATER: slight

SPECIFIC GRAVITY (H2O=1): 0.09

EVAPORATION RATE: (n-Butyl Acetate = 1): Not applicable

% VOLITILES BY VOLUME: 91.75

MATERIAL SAFETY DATA SHEET**SECTION X – ACCIDENTAL RELEASE MEASURES:**

SPILL: Remove all sources of ignition (flames, sparks, etc.). Provide adequate ventilation. Avoid prolonged breathing of vapors. Remove to a container or absorb with clay, diatomaceous earth or other suitable inert absorbent.

DISPOSAL: Dispose of in accordance with all federal, state and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal.

SECTION XI – PROPER D.O.T. SHIPPING INFORMATION:

| | |
|--------------------------|---------|
| Ethyl Acetate | UN 1173 |
| Benzoyl Peroxide | UN 3106 |
| Non-Hazardous Components | N/A |

SECTION XII – U.S. REGULATORY INFORMATION:

OSHA: This material is hazardous by definition of Hazardous Communications Standard (29 DFR 1910.1200)
SARA Title III: Section 311/312-hazard categories acute health, delayed health, fire.

SECTION XIII – U.S. REGULATORY INFORMATION:

This MSDS complies with 20 CRF 1910.1200 (THE HAZARD COMMUNICATION STANDARD). Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Erie Metal Specialties, Inc. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Erie Metal Specialties, Inc. be responsible for damages of any nature whatsoever resulting from the use of, misuse or reliance upon information. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure its activities comply with Federal, State or Provincial, and local laws and regulations.

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