

**SAFETY DATA SHEET**

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

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**Section I - Product & Company Identification**

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**Product identifier**

Product name : METAL WEAR 300

Product form: Liquid

Other means of identification: LB103

Relevant identified uses of the substance or mixture: Floor Coating.

**Details of the supplier of the safety data sheet**

Manufacturer:

Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150

Phone: 816-472-5515

**Emergency telephone number**

Emergency number : CHEMTREC: 1-800-424-9300

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**Section II – Hazards Identification**

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**Classification**

Acute toxicity - Oral Category 5

Skin corrosion/irritation Category 3

Chronic Aquatic toxicity Category 3

Pictogram: None

**Signal Word**

**Warning**

**Hazard Statements**

May be Harmful if swallowed

Causes mild skin irritation

Harmful to aquatic life with long lasting effects.

**Precautionary Statements - Prevention**

Avoid release to the environment.

**Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. Get medical attention if irritation occurs.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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### Section III –Composition/Information on ingredients

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#### Mixture

Name	CAS#	Weight %
Styrene Acrylic Polymer	Proprietary	5-20
[2-(2Methoxymethylethoxy)methylethoxy]-propanol	25498-49-1	0.5-3
Di(ethylene glycol) ethyl ether	111-90-0	0.5-3
Tributoxyethyl phosphate	78-51-3	0.5-3
Zinc Ammonium Chloride	38714-47-5	0.5-3
Dipropylene glycol monomethyl ether	34590-94-8	0.5-3

Any concentration shown as a range is to protect confidentiality or is due to process variation.

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### Section IV – First Aid Measures

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#### First Aid Measures

**Inhalation:** Remove to fresh air. If symptoms persist, call a physician.

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

**Ingestion:** Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin Contact:** Wash with plenty of water. If skin irritation persists, call a physician.

#### Most Important Symptoms and Effects, both Acute and Delayed

##### Symptoms

May cause skin irritation. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

#### Indication of any Immediate Medical Attention and Special Treatment Needed

**Note to Physicians:** Treat symptomatically.

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### Section V – Fire Fighting Measures

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#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

Non-flammable.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

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## Section VI –Accidental Release Measures

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### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Use personal protective equipment as required.

### Methods and Material for Containment and Cleaning Up

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up:** Keep in suitable, closed containers for disposal.

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## Section VII – Handling & Storage

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### Precautions for Safe Handling

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials :** Strong acids.

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## Section VIII – Exposure Controls/ Personal Protection

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### Exposure Guidelines

<b>Chemical Name</b>	<b>CAS #</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Styrene acrylic polymer	Proprietary	No data available	No data available	No data available
[2-(2Methoxymethylethoxy)methylethoxy]-propanol	25498-49-1	No exposure limit	No exposure limit	No exposure limit
Diethylene Glycol Monoethyl Ether	111-90-0	TWA: 25 ppm WEEL	Not determined	Not determined
Tributoxyethyl phosphate	78-51-3	No exposure limit	No exposure limit	No exposure limit
Zinc ammonium chloride	38714-47-5	No data available	No data available	No data available
Dipropylene glycol monomethyl ether	34590-94-8	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm 600 mg/m3	TWA: 100 ppm 600 mg/m3

### Appropriate Engineering Controls

**Engineering Controls:** Provide adequate ventilation. Eyewash stations.

### Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection:** Wear approved safety goggles where a splash hazard exists.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.

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## Section IX – Physical & Chemical Properties

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### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Color</b>	Milky White
<b><u>Property</u></b>	<b><u>Values</u></b>
pH	8.5-9.5
Melting Point/Freezing Point	0 ° C (32 ° F) Water
Boiling Point/Boiling Range	100 ° C (212 ° F) Water
Flash Point	Not Flammable
Evaporation Rate	< 1 Water
Flammability (Solid, Gas)	n/a-liquid
Upper Flammable Limits	Not Determined
Lower Flammable Limits	Not Determined
Vapor Pressure	17 mmHg @ 21 ° C
Vapor Density	< 1 Water
Specific Gravity	1.03
Water Solubility	Soluble in Water
Solubility in Other Solvents	Not Determined
Partition Coefficient	Not Determined
Autoignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Kinematic Viscosity	Not Determined
Dynamic Viscosity	Not Determined
Explosive Properties	Not an Explosive
Oxidizing Properties	Not Determined
Odor	Typical acrylic
Odor Threshold	Not Determined

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## Section X – Stability & Reactivity

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### **Reactivity**

Not reactive under normal conditions.

### **Chemical Stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

None under normal processing.

### **Conditions to Avoid**

Keep out of reach of children.

### **Incompatible Materials**

Strong acids.

### **Hazardous Decomposition Products**

None known based on information supplied

## Section XI - Toxicological information

### Information on Likely Routes of Exposure

#### Product Information

**Inhalation:** Avoid breathing vapors or mists.

**Eye Contact:** Causes eye irritation

**Skin Contact:** Avoid contact with skin.

**Ingestion:** Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Styrene acrylic polymer	Proprietary	No data available	No data available	No data available
[2-(2Methoxymethylethoxy)methylethoxy]-propanol	25498-49-1	3200 mg/kg (Rat)	No data available	No data available
Diethylene Glycol Monoethyl Ether	111-90-0	=1920 mg/kg (Rat)	=4200uL/kg(Rabbit =6mL/kg(Rat)	>5240 mg/m3 (Rat) 4h
Tributoxyethyl phosphate	78-51-3	3000 mg/kg (Rat)	>2050 mg/kg (Rabbit)	>6.4 mg/l, 4 h (Rat)
Zinc ammonium chloride	38714-47-5	No data available	No data available	No data available
Dipropylene glycol monomethyl ether	34590-94-8	>5000 mg/kg (Rat)	9510 mg/kg (Rabbit)	No data available

Chemical Name	[2-(2Methoxymethylethoxy)methylethoxy]-propanol	Diethylene Glycol Monoethyl Ether
Skin corrosion/irritation	No data available	Mild irritation
Serious eye damage/irritation	No data available	Mild irritation
Respiratory or skin sensitization	No data available	No data available
Mutagenicity	No data available	No data available
Carcinogenicity	Not a carcinogen	Not a carcinogen
Reproductive toxicity	No data available	No data available
Specific target organ toxicity-Single exposure	No data available	No data available
Specific target organ toxicity-repeated exposure	No data available	No data available
Aspiration hazard	No data available	No data available

Chemical Name	Tributoxyethyl phosphate	Dipropylene glycol monomethyl ether
Skin corrosion/irritation	No data available	No irritation
Serious eye damage/irritation	No data available	Mild irritation
Respiratory or skin sensitization	No data available	No data available
Mutagenicity	negative	negative
Carcinogenicity	Not a carcinogen	Not a carcinogen
Reproductive toxicity	No data available	No data available
Specific target organ toxicity-Single exposure	No data available	No data available
Specific target organ toxicity-repeated exposure	No data available	No data available
Aspiration hazard	No data available	No data available

### **Information on Physical, Chemical and Toxicological Effects**

**Symptoms:** Please see section 4 of this SDS for symptoms.

### **Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity:** This product does not contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical Measures of Toxicity:** Not determined

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## **Section XII - Ecological information**

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### **Ecotoxicity**

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Crustacea
[2-(2Methoxymethyl ethoxy)methyl ethoxy]-propanol	25498-49-1	No data available	No data available	No data available
Di(ethylene glycol) ethyl ether	111-90-0	No data available	11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through	3940 - 4670: 48 h Daphnia magna mg/L EC50
Dipropylene Glycol Monomethyl Ether (DPM)	34590-94-8	No data available	10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L LC50
Tributoxyethyl phosphate	78-51-3	Pseudokirchneriella subcapitata (green algae) - 61 mg/l - 72 h	10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-through	Daphnia magna (Water flea) - 53 mg/l - 48 h

**Persistence and Degradability**

No data available

**Bioaccumulation**

No data available

**Mobility**

No data available

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**Section XIII - Disposal considerations**

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**Waste Disposal Method**

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

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**Section XIV - Transport information**

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**DOT Proper Shipping Description:**

Not Regulated as a dangerous goods

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**Section XV - Regulatory information**

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**SARA Title III Section 311/312 (40CFR370):** Acute health hazard

**SARA Title III Section 313 (40CFR372):** One reportable component.

Chemical Name	CAS #	Weight %	SARA 313-Threshold Values %
Di(ethylene glycol) ethyl ether	111-90-0	0.5-3	1.0

**RCRA Status (40CFR261.33):** No reportable components.

**TSCA Inventory Status:** Reported/included

**OSHA/NTP/IARC Carcinogen Status:** Not listed

**Canadian DSL Status:** Reported/included

**Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:**

This material is not known to contain chemicals currently listed as carcinogens or reproductive toxins.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Di(ethylene glycol) ethyl ether	X	Not listed	X
Dipropylene glycol monomethyl ether	X	X	X
Tributoxyethyl phosphate	X	Not listed	X
[2-(2Methoxymethylethoxy)methylethoxy]-propanol	X	Not listed	X

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**Section XVI - Other information**

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**HMIS ratings:** Health: 2 Flammability: 0 Reactivity: 0

Indication of changes: Revision – 1

Date Sheet Prepared: 12/30/2015 Other information: Author – EHS Administrator

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The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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**END OF SDS**