

Date Printed: 6/9/2016

Safety Data Sheet

www.burkeindustrialcoatings.com

1. Identification

Product Name: BRC 6000 Rust Converter **Revision Date:** 6/9/2016

Product Identifier: 30-6000 **Supersedes Date:** 10/26/2015

Product Use/Class: Rust Converter/Special Purpose

Supplier: Burke Industrial Coatings

600 S. 74th Pl, Ste 108

Ridgefield, WA 98642

360-887-8819

Manufacturer: Burke Industrial Coatings

600 S. 74th Pl, Ste 108

Ridgefield, WA 98642

360-887-8819

Preparer: Regulatory Department

Emergency Telephone: 24 Hour Hotline: CHEMTEL 813-248-0585

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Warning

Possible Hazards

54% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Eye Irritation, category 2 H319 Causes serious eye irritation.

Skin Irritation, category 2 H315 Causes skin irritation.

GHS LABEL PRECAUTIONARY STATEMENTS

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing.

3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

Chemical Name CAS-No. Wt. %

Range

GHS Symbols GHS Statements

Vinyl Acrylic Resin Proprietary 25-50 GHS07 H315-319

Barium Sulfate 7727-43-7 10-25 Not Available Not Available

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Tannic Acid 1401-55-4 1.0-2.5 Not Available Not Available

Diethylene Glycol Monomethyl Ether 111-77-3 0.1-1.0 GHS06 H311

4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical

attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: If swallowed, rinse mouth with water. If feeling unwell, get medical attention. Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN

200 DEGREES F. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse.

Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product

residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

8. Exposure Controls/Personal Protection

Chemical Name CAS-No. Weight %

Less Than

ACGIH TLVTWA

ACGIH TLVSTEL

OSHA PEL-TWA OSHA PELCEILING

Vinyl Acrylic Resin Proprietary 45.0 N.E. N.E. N.E. N.E.

Barium Sulfate 7727-43-7 15.0 5 mg/m³ N.E. 15 mg/m³ N.E.

Tannic Acid 1401-55-4 5.0 N.E. N.E. N.E. N.E.

Diethylene Glycol Monomethyl

Ether 111-77-3 1.0 N.E. N.E. N.E. N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne

levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve crossventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be

followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

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OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of

personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

9. Physical and Chemical Properties

Appearance: Liquid **Physical State:** Liquid

Odor: Solvent Like **Odor Threshold:** N.E.

Relative Density: 1.263 **pH:** N.D.

Freeze Point, °C: N.D. **Viscosity:** N.D.

Solubility in Water: Miscible **Partition Coefficient, n-octanol/**

Decomposition Temp., °C: N.D. **water:** N.D.

Boiling Range, °C: -18 - 100 **Explosive Limits, vol%:** N.A. - N.A.

Flammability: Does not Support Combustion **Flash Point, °C:** 100

Evaporation Rate: Slower than Ether **Auto-ignition Temp., °C:** N.D.

Vapor Density: Heavier than Air **Vapor Pressure:** N.D.

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: When heated to decomposition, it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritating, and may injure eye tissue if not removed promptly.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECTS OF OVEREXPOSURE - INHALATION: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid

breathing fumes, spray, vapors, or mist.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: No Information

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No. Chemical Name Oral LD50 Dermal LD50 Vapor LC50

1401-55-4 Tannic Acid 2260 mg/kg Rat N.I. N.I.

111-77-3 Diethylene Glycol Monomethyl Ether 4079 mg/kg Rat 650 mg/kg Rabbit N.I.

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow

to enter waterways, wastewater, soil, storm drains or sewer systems.

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14. Transport Information

Domestic (USDOT) International (IMDG) Air (IATA) TDG (Canada)

UN Number: N.A. N.A. N.A. N.A.

Proper Shipping Name: Not Regulated Not Regulated Not Regulated Not Regulated

Hazard Class: N.A. N.A. N.A. N.A.

Packing Group: N.A. N.A. N.A. N.A.

Limited Quantity: No No No No

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the

Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to

meet the following categories:

Acute Health Hazard

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name CAS-No.

Diethylene Glycol Monomethyl Ether 111-77-3

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from

the United States:

No TSCA 12(b) components exist in this product.

16. Other Information**HMIS RATINGS**

Health: 2 Flammability: 1 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 1 Instability 0

VOLATILE ORGANIC COMPOUNDS, g/L: 28

SDS REVISION DATE: 6/9/2016

REASON FOR REVISION: Product Composition Changed

Substance and/or Product Properties Changed in Section(s):

02 - Hazard Identification

11 - Toxicological Information

Substance Hazard Threshold % Changed

Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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Burke Industrial Coatings believes, to the best of its knowledge, information and belief, the information contained herein to be

accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of

these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by

the use of these materials. Burke Industrial Coatings makes no warranty, expressed or implied, regarding the accuracy or

reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with

caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and

examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable

international, federal, state, and local laws and regulations.