

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: STEEL TUFF-316
PRODUCT CODE: 10-0320-XX

HMIS CODES H F R P
1 0 0 B

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: BURKE INDUSTRIAL COATINGS
ADDRESS: 600 S. 74th Place, Suite 108, Ridgefield, WA 98642
EMERGENCY PHONE: (800) 255-3924 INFORMATION PHONE: (360)887-8819
(CHEM-TEL)
EFFECTIVE DATE: 9-1-07 NAME OF PREPARER: DARRELL BADERTSCHER

SECTION II - HAZARDOUS INGREDIENTS
SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm HG @ TEMP	WEIGHT PERCENT
* ETHYLENE GLYCOL MONOBUTLY ETHER	111-76-2	0 0	6.0

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372
No information available.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: Estimate 212°F SPECIFIC GRAVITY (H2O=1): 1.16
VAPOR DENSITY: LIGHTER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C.: 1.90 LB/GL
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: OPAQUE COATING, SWEET SMELL

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A METHOD USED: CLOSED CUP
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

USE FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS TO PROTECT FIREFIGHTERS FROM HAZARDOUS COMBUSTION PRODUCTS. WATER MAY BE USED TO COOL CONTAINERS TO PREVENT EXPLOSION OF LIDS FROM PRESSUR BUILD-UP.

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE DUE TO BUILD UP OF STEAM WHEN EXPOSED TO EXTREME HEAT.

SECTION V - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID N/A

INCOMPATIBILITY (MATERIALS TO AVOID): AVOID STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: POSSIBLE OXIDES OF CARBON AND NITROGEN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION OF VAPOR OR MIST CAN CAUSE THE FOLLOW: HEADACHE; NAUSEA; IRRITATION OF NOSE, THROAT AND LUNGS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

DIRECT CONTACT CAN CAUSE A SLIGHT IRRITATION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED OR REPEATED CONTACT CAN CAUSE SLIGHT SKIN IRRITATION.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

WHILE THIS MATERIAL HAS A LOW DEGREE OF TOXICITY, INGESTION OF EXCESSIVE QUANTITIES MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.

HEALTH HAZARDS (ACUTE AND CHRONIC)

INGESTION AND SKIN ABSORPTION: NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION. INHALATION: MAY BE IRRITATING TO MUCOUS MEMBRANES, RESPIRATORY TRACT, AND MAY PRODUCE SYMPTOMS OF HEADACHE OR NAUSEA IN POORLY VENTILATED AREAS. PROLONGED SKIN CONTACT MAY CAUSE REDDENING OF THE SKIN. DIRECT EYE CONTACT MAY CAUSE EYE IRRITATION.

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A CARCINOGEN BY NTP, IARC OR OSHA.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

PRE-EXISTING LUNG DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

EMERGENCY AND FIRST AID PROCEDURES

SWALLOWING: NO HARMFUL EFFECTS EXPECTED. INHALATION: NO EMERGENCY CARE ANTICIPATED. EYES AND SKIN: IMMEDIATELY FLUSH EYES WITH WATER UNTIL WATER IS NO LONGER CLOUDY. WASH SKIN WITH SOAP AND WATER UNTIL WATER IS NO LONGER CLOUDY. IF CLOTHING IS SOAKED, REMOVE AND WASH BEFORE REUSE. TOXICOLOGY STUDIES OF SIMILAR MATERIALS HAVE SHOWN VERY LOW ACUTE TOXICITY. THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF OVER EXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

RESTRICT AREA TO ONLY THOSE PERSONNEL NEEDED. MAJOR SPILLS SHOULD BE COLLECTED FOR DISPOSAL. MINOR SPILLS MAY BE FLUSHED INTO SEWER IF PERMITTED BY STATE, FEDERAL AND LOCAL REGULATIONS.

WASTE DISPOSAL METHOD

INCINERATE OR BURY IN SUITABLE LANDFILL WHERE PERMITTED BY APPROPRIATE GOVERNMENT REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP CONTAINERS COOL AND DRY. USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION. KEEP PRODUCT CONTAINERS CLOSED WHEN NOT IN USE. AVOID SUBJECTING THIS PRODUCT TO EXTREME TEMPERATURE VARIATIONS AND FREEZING.

OTHER PRECAUTIONS

DO NOT STORE BELOW 40 DEGREES FAHRENHEIT.

SECTION VIII - CONTROL MEASURES**RESPIRATORY PROTECTION**

RESPIRATORY PROTECTION MAY BE NECESSARY TO MINIMIZE EXPOSURE TO VAPORS DEPENDING ON THE NATURE AND CONCENTRATION OF THE AIRBORNE MATERIAL. USE A RESPIRATOR WITH APPROPRIATE FILTERS AND CARTRIDGES (NIOSH APPROVED IF AVAILABLE) OR SUPPLIED AIR EQUIPMENT.

VENTILATION

IF CURRENT VENTILATION PRACTICES ARE NOT ADEQUATE TO MINIMIZE EXPOSURE, ADDITIONAL VENTILATION OR EXHAUST SYSTEMS MAY BE REQUIRED.

PROTECTIVE GLOVES

USE GLOVES MADE OF NEOPRENE, BUTYL RUBBER OR NATURAL RUBBER.

EYE PROTECTION

USE CHEMICAL SPLASH GOGGLES.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

IT IS SUGGESTED THAT A SOURCE OF CLEAN WATER BE AVAILABLE IN THE WORK AREA FOR FLUSHING EYES AND SKIN. IMPERVIOUS CLOTHING SHOULD BE WORN AS NEEDED.

WORK/HYGIENIC PRACTICES

AFTER USING THIS PRODUCT WASH HANDS THOROUGHLY PRIOR TO EATING OR SMOKING.

SECTION IX - TOXICOLOGICAL INFORMATION**Acute Data**

No toxicity data is available for this material. Based on the toxicity profiles for a number of other emulsions that are compositionally similar to this product, typical data might be:

Oral LD50 – rat: > 5000mg/kg
Dermal LD50 – rabbit: >5000mg/kg
Skin Irritation – rabbit: mild irritation
Eye Irritation – rabbit: mild irritation

SECTION X – ECOLOGICAL INFORMATION

No applicable data

SECTION XI – DISPOSAL CONSIDERATIONS

Keep spills and cleaning runoff out of drains. Dried material may be landfilled or incinerated. Wet material should be absorbed with absorbent material and landfilled or incinerated.

SECTION XII – TRANSPORT INFORMATION

DOT

Not regulated for transport

IMO/IMDG

Not regulated – not dangerous for transport

SECTION XIII – REGULATORY INFORMATION

Workplace classification

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

This product is not a “controlled product” under the Canadian Workplace Hazardous Materials Information System (WHMIS).

SARA TITLE III: Section 311/312 – not covered

SARA TITLE III: Section 313 – does not contain a chemical listed in Section 313.

CERCLA Information – Releases of this material to air, land or water are not reportable to National Response or local or state emergency personnel.

TSCA – All components of this product are in compliance with the inventory listing requirements of the US Toxic Substance Control Act Chemical Substance Inventory.

SECTION XIV – DISCLAIMER

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH BURKE INDUSTRIAL COATINGS OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE AND SUITABLE TO THEIR CIRCUMSTANCES. TO OUR KNOWLEDGE, THIS MSDS COMPLIES WITH 29 CFR 1910, 1200.