

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SUPERTEMP 316  
PRODUCT CODE: 11-0771-XX

HMIS CODES H F R P  
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SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: BURKE INDUSTRIAL COATINGS  
ADDRESS: 600 S. 74<sup>th</sup> Place, Suite 108, Ridgefield, WA 98642  
EMERGENCY PHONE: (800) 255-3924 INFORMATION PHONE: (360)887-8819

EFFECTIVE DATE: 9-1-07 NAME OF PREPARER: DARRELL BADERTSCHER

SECTION II - HAZARDOUS INGREDIENTS  
SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE		WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER	mm HG @ TEMP		
*XYLENE/XYLOL/DIMETHYL BENZENE	1330-20-7	100 PPM	100 PPM		5	68	< 2
MINERAL SPIRITS	64741-41-9	100PPM	100 PPM		5	100	20
ALUMINUM PASTE		200 PPM			5	100	10
ACETONE	67-64-1	750 PPM	100 PPM		165	60	15

\*INDICATES TOXIC CHEMICAL (S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 133 TO 380 DEG F SPECIFIC GRAVITY (H2O=1): 1.14  
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER  
COATING V.O.C.: 3.45 #/GAL SOLUBILITY IN WATER: NON-SOLUBLE  
APPEARANCE AND ORDER: COLORED LIQUID, SOLVENT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 45 DEG F METHOD USED: TCC  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% UPPER: 12.8%  
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

USE AIR SUPPLIED RESCUE EQUIPMENT FOR ENCLOSED AREAS. FULL STREAM WATER MAY BE UNSUITABLE AS EXTINGUISHING METHOD, BUT IS HELPFUL IN KEEPING NEARBY CONTAINERS COOL. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.

UNUSUAL FIRE AND EXPLOSION HAZARDS

DO NOT APPLY TO HOT SURFACES. KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME. DO NOT STORE OR MIX WITH STRONG OXIDANTS. KEEP CONTAINERS TIGHTLY CLOSED. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

## SECTION V - REACTIVITY DATA

STABILITY: STABLE

## CONDITIONS TO AVOID:

HIGH TEMPERATURES OR ANY TYPE OF COMBUSTION SOURCE.

INCOMPATIBILITY (MATERIALS TO AVOID): OXYGEN AND STRONG OXIDANTS. WILL DISSOLVE OR SOFTEN SOME PLASTICS AND RUBBER.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: SMOKE, ACRID FUMES, CARBON DIOXIDE. INCOMPLETE COMBUSTION MAY PRODUCE CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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## SECTION VI - HEALTH HAZARD DATA

## INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

VAPORS AND MISTS IRRITATE MUCUS MEMBRANES. INHALATION OF HIGHER CONCENTRATIONS MAY CAUSE HEADACHES, NAUSEA, VOMITING AND COMA. INHALATION OF VERY HIGH CONCENTRATIONS MAY CAUSE UNCONSCIOUSNESS OR DEATH.

## SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

LIQUID AND MISTS MAY IRRITATE THE EYES. SKIN CONTACT MAY DRY THE SKIN.

## SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.

## INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SWALLOWING THE LIQUID MAY RESULT IN VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, DO NOT ALLOW VOMITUS TO BE BREATHED INTO THE LUNGS AS EVEN A SMALL QUANTITY IN THE LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS AND PULMONARY EDEMA/HEMORRHAGE.

## HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: INHALATION OF HIGH VAPOR CONCENTRATIONS MAY HAVE RESULTS RANGING FROM DIZZINESS AND HEADACHES TO UNCONSCIOUSNESS. CHRONIC: PROLONGED OR REPEATED EXPOSURE TO HIGH CONCENTRATIONS MAY CAUSE NEURAL DYSFUNCTION.

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO  
THIS MATERIAL NOT CONSIDERED A CARCINOGEN.

## MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

RESPIRATORY CONDITIONS.

## EMERGENCY AND FIRST AID PROCEDURES

IF OVERCOME BY VAPORS, REMOVE FROM EXPOSURE IMMEDIATELY AND CALL A PHYSICIAN. IF BREATHING IS IRREGULAR OR STOPPED, START RESUSCITATION AND ADMINISTER OXYGEN. IF INGESTED DO NOT INDUCE VOMITING, CALL A PHYSICIAN. IN CASE OF SKIN CONTACT, REMOVE ANY CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WARM WATER. IF SPLASHED INTO THE EYES, FLUSH EYES WITH CLEAR WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. CONSULT A PHYSICIAN AS MAY BE REQUIRED.

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

REMOVE IGNITION SOURCES. KEEP PEOPLE AWAY. RECOVER FREE LIQUID. ADD ABSORBENT ( SAND, SAWDUST, CAT LITTER ) TO SPILL AREA AVOID BREATHING VAPORS. VENTILATE CONFINED SPACES. OPEN ALL WINDOWS AND DOORS. KEEP OUT OF SEWERS AND WATER.

**WASTE DISPOSAL METHOD**

ASSURE CONFORMITY WITH APPLICABLE DISPOSAL REGULATIONS FOR BOTH SPILLED PRODUCT AND ABSORBED MATERIAL.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDANTS. ADEQUATE VENTILATION REQUIRED. NO SMOKING OR OPEN LIGHTS. AVOID BREATHING VAPORS. AVOID CONTACT WITH SKIN. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. WASH SKIN THOROUGHLY WITH SOAP AND WATER AFTER CONTACT.

**OTHER PRECAUTIONS**

GROUND CONTAINERS WHEN POURING AND LIMIT FREE-FALL TO MINIMIZE STATIC CHARGE BUILD-UP. EMPTY CONTAINERS MAY BE HAZARDOUS FROM PRODUCT RESIDUE OR VAPOR AND ALL CAUTIONS ON THIS SHEET APPLY TO THEM.

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**SECTION VIII - CONTROL MEASURES****RESPIRATORY PROTECTION**

USE ORGANIC VAPOR RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN TLV IS EXCEEDED.

**VENTILATION**

PROVIDE SUFFICIENT MECHANICAL VENTILATION WITH EXPLOSION PROOF EQUIPMENT TO MAINTAIN EXPOSURE LEVEL BELOW TLV.

**PROTECTIVE GLOVES**

SOLVENT RESISTANT IF NEEDED.

**EYE PROTECTION**

SPLASH GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY OCCUR.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

SOLVENT RESISTANT APRON OR OTHER CLOTHING IF NEEDED TO AVOID REPEATED OR PROLONGED SKIN CONTACT.

**WORK/HYGIENIC PRACTICES**

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

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**SECTION IX - 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.