

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SUPERCOAT 316L  
 PRODUCT CODE: 14-0316-00

HMIS CODES H F R P  
 1 4 3 G

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: 1-5-10 NAME OF PREPARER: DARRELL BADERTSCHER

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	TOLUOL	00108-88-3	25.0%
02	ACETONE	00067-64-1	25.0%
03	PROPANE	00074-98-6	20.0%
04	N-BUTANE	00106-97-8	10.0%
05	XYLENE	01330-20-7	10.0%
06	ETHYL BENZENE	00100-41-4	5.0%
07	VMP NAPTHA 66	08032-32-4	5.0%

-----EXPOSURE LIMITS-----

ITEM	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	50 ppm	N.E.	100 ppm	150 ppm	N.E.	YES
02	750 ppm	1000 ppm	750 ppm	1000 ppm	N.E.	YES
03	1000 ppm	N.E.	1000 ppm	N.E.	N.E.	NO
04	800 ppm	N.E.	800 ppm	N.E.	N.E.	NO
05	100 ppm	150 ppm	100 ppm	150 ppm	N.E.	YES
06	100 ppm	125 ppm	100 ppm	125 ppm	N.E.	NO
07	300 ppm	400 ppm*	300 ppm	400 ppm	N.E.	YES

(SEE SECTION 16 FOR ABBREVIATION LEGEND), \* - CEILING VALUE

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### SECTION III - HAZARDS IDENTIFICATION

\*\*\*EMERGENCY OVERVIEW\*\*\*: May cause flash fire or explosion.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, and allergic reaction, which becomes evident on reexposure to this material. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - INHALATION: Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed. Irritating to mouth, throat and stomach.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Possible reproductive hazard.

PRIMARY ROUTE(S) OF ENTRY: SKIN ABSORPTION INHALATION INGESTION EYE CONTACT SKIN CONTACT

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

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### SECTION IV - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

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

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

## SECTION V - FIRE FIGHTING MEASURES

FLASH POINT: -4 F LOWER EXPLOSIVE LIMIT: 0.9%  
UPPER EXPLOSIVE LIMIT: 12.8%

AUTOIGNITION TEMPERATURE:

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may form explosive mixture with air.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

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## SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

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## SECTION VII - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling

STORAGE: Keep away from heat, sparks and flame.

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## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLV's during the use of this product.

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

OTHER PROTECTIVE EQUIPMENT: Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required.

HYGIENIC PRACTICES: No Information.

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## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE:	-44 TO 286 F	VAPOR DENSITY :	Is heavier than air
ODOR		ODOR THRESHOLD :	
APPEARANCE		EVAPORATION RATE:	Is faster than Ether
SOLUBILITY IN H2O			
FREEZE POINT		SPECIFIC GRAVITY:	0.8050
VAPOR PRESSURE		pH @ 0.0 % :	
PHYSICAL STATE :		VISCOSITY :	
COEFFICIENT OF WATER/OIL DISTRIBUTION:			

(see Section 16 for abbreviation legend)

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## SECTION X - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: No Information

INCOMPATIBILITY: No Information

HAZARDOUS DECOMPOSITION PRODUCTS: No Information

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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## SECTION XII - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

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## SECTION XIII - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

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## SECTION IVX - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: No Information

SECTION XV - TRANSPORTATION INFORMATION

No transportation information is available

SECTION XVI - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

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:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD PRESSURIZED GAS HAZARD

SARA SECTION 313:

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

-----CHEMICAL NAME-----	CAS NUMBER	WT/WT % IS LESS THAN
Toluol	00108-88-3	25.0%
Acetone	00067-64-1	25.0%
Xylene	01330-20-7	10.0%
Ethyl Benzene	00100-41-4	5.0%

NEW JERSEY RIGHT-TO-KNOW:

The following material are non-hazardous, but are among the top five components in this product:

-----CHEMICAL NAME-----	CAS NUMBER
Solid Acrylic Resin	NA

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

-----CHEMICAL NAME-----	CAS NUMBER
Solid Acrylic Resin	NA
Iron	07439-89-6

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

-----CHEMICAL NAME-----	CAS NUMBER
Toluol	00108-88-3

## SECTION XVIII - REGULATORY INFORMATION

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulation except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

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## SECTION XVI - REGULATORY INFORMATION

HMIS RATINGS - HEALTH: 1                      FLAMMABILITY: 4                      REACTIVITY: 3

PREVIOUS MSDS REVISION DATE 2/27/01

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

## SECTION XVII - 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