

SIFCO SELECTIVE PLATING DIV OF SIFCO INDUSTRIES INC. -- SIFCO PEEL MASK --
3426-01-197-7788

===== Product Identification =====

Product ID:SIFCO PEEL MASK

MSDS Date:03/21/2001

FSC:3426

NIIN:01-197-7788

Status Code:A

MSDS Number: CLGBT

=== Responsible Party ===

Company Name:SIFCO SELECTIVE PLATING DIV OF SIFCO INDUSTRIES INC.

Address:5708 SCHAAF ROAD

City:CLEVELAND

State:OH

ZIP:44131-1394

Countr

y:US

Info Phone Num:216-524-0099/ FAX: -6331

Emergency Phone Num:216-881-8600

Preparer's Name:WERNER A.EHRENSCHNEIDER

Chemtrec Ind/Phone:(800)424-9300

CAGE:11924

=== Contractor Identification ===

Company Name:SIFCO SELECTIVE PLATING DIV OF SIFCO INDUSTRIES INC.

Address:5708 SCHAAF ROAD

Box:City:CLEVELAND

State:OH

ZIP:44131-1394

Country:US

Phone:216-524-0099/ FAX: -6331

Contract Num:SP0450-01-XF17

CAGE:11924

===== Composition/Information on Ingredients =====

Ingred Name:TO

LUENE

CAS:108-88-3

RTECS #:XS5250000

Minumum % Wt:60.

Maxumum % Wt:90.

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:TALC

CAS:14807-96-6

RTECS #:WW2710000

Minumum % Wt:10.

Maxumum % Wt:40.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:2 MG/M3

===== Hazards Identification =====

c:TARGET ORGANS: SKIN, EYES, RESPIRATORY SYSTEM. CENTRAL NERVOUS SYSTEM, LIVER, KIDNEYS, HEART. EYE-CAUSES IRRITATION, CONJUNCTIVITIS. SKIN CONTACT- CAUSE SKIN IRRITATION, & POSSIBLE ALLERGIC REACTION. CAUSES DRYING OF SKIN, TINGLING SENSATION, ERYTHEMA, DERMATITIS. INHALATION-VAPOR MAY CAUSE IRRITATION OF RESPIRATORY TRACT, AND COMA. INGESTION-MAY CAUSE SEVERE IRRITATION OF MOUTH, THROAT, & ESOPHAGUS. POSSIBLE KIDNEY & LIVER DAMAGE. CHRONIC: REPEATED EXPOSURE TO

MODERATELY HIGH

CONCENTRATIONS OF TOLUENE VAPOR MAY CAUSE A TOXIC ENCEPHALOPATHY.

Explanation of Carcinogenicity:ACGIH: NO.

Effects of Overexposure:EYE: BURNS POSSIBLE. SKIN CONTACT: MAY CAUSE BURNS. CAUSES DRYING OF SKIN, TINGLING SENSATION, ERYTHEMA. INHALATION: EUPHORIA, HEADACHE, FATIGUE, VOMITING, DIZZINESS, INTOXICATION, DILATED PUPILS, DROWSINESS, ANESTHESIA, RESPIRATORY ARREST. INGESTION: NAUSEA AND DROWSINESS, VOMITING, DIARRHEA, DEPRESSED RESPIRATION.

Medical

Conditions Aggravated by Exposure:PREEXISTING SKIN AND EYE

CONDITIONS; RESPIRATORY SYSTEM & CENTRAL NERVOUS SYSTEM DISORDERS, AND LIVER, KIDNEY AND HEART CONDITIONS.

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First Aid Measures
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First Aid:EYES: HOLD LIDS APART & FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINS WHILE REMOVING CONTAMINATED CLOTHING & SHOES. DECONTAMINATE (OR DISCARD) CLOTHING & SHOES. INHALATION: REMOVE TO FRESH AIR.

LAY VICTIM DOWN, LEGS RAISED. LOOSEN TIGHT CLOTHING, COVER WITH BLANKET. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT GIVE OXYGEN. INGESTION: DO NOT INDUCE VOMITING, UNLESS ADVISED BY EMS. GIVE VICTIM 200 ML OF WATER. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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Fire Fighting Measures
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Flash Point Method:TOC

Flash P

oint:=5.C, 41.F

Autoignition Temp:=480.C, 896.F

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media: CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:NIOSH/MSHA APPROVED POSITIVE-PRESSURE
SELF-CONTAINED BREATHING APPARATUS. STRUCTURAL FIRE FIGHTERS`
PROTECTIVE CLOTHING MAY NOT PROVIDE ADEQUATE PROTECTION.

Unusual Fire/Explosion Hazard:VAPOR FORMS EXPLOSIVE MIXTURES WITH AIR.
VAPOR MAY TRAVEL TO SOURCE OF IGNITION AND FLASH BACK.

===== Accidental Relea
se Measures =====

Spill Release Procedures:DO NOT TOUCH OR WALK THROUGH SPILL. ISOLATE
AREA. NOTIFY EMERGENCY COORDINATOR. ELIMINATE IGNITION SOURCES.
PROVIDE MAXIMUM VENTILATION. DO NO RELEASE INTO SOIL, SEWERS,
NATURAL BODIES OF WATER. WEAR PROTECTIVE EQUIPMENT (PPE).
CAREFULLY MOP UP OR VACUUM SPILL AND TRIPLE RINSE WITH WATER INTO
SUITABLE PLASTIC CONTAINER. RELEASE OF REPORTABLE QUANTITY (RQ)
REQUIRES NOTIFICATION OF AUTHORITIES.

Neutralizing Agent:N
ONE

===== Handling and Storage =====

Handling and Storage Precautions:HANDLING: USE "BUDDY SYSTEM" WHEN
WORKING WITH CHEMICALS. DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO
NOT BREATHE VAPOR, MIST OR GAS. USE WITH ADEQUATE VENTILATION. WASH
THOROUGHLY AFTER HANDLING. TRIPLE RINSE CONTAINER CLEAN BEFORE
DISCARDING. PUT NOTHING ELSE IN THIS CONTAINER.

Other Precautions:HANDLING: LOOSEN COVER CAUTIOUSLY WHEN OPENING.
STORAGE: KEEP CONTAIN
R TIGHTLY CLOSED IN UPRIGHT POSITION. STORE
AT 60-90F AWAY FROM INCOMPATIBLE MATERIALS AND PHYSICAL HAZARDS. DO
NOT REMOVE OR DEFA CE CONTAINER LABELS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS ARE NOT FEASIBLE, THE
PRESPIRATORY PROTECTION PROGRAM MUST COMPLY WITH OSHA 29 CFR
1910.134. USE CARTRIDGE FILTER FOR ORGANIC VAPOR.

Ventilation:LOCAL EXHAUST VENTILATION IS REQUIURED TO MEET THE
PERMISSABLE EXP

OSURE LIMITS (PEL) DURING USE OF PRODUCT.

Protective Gloves:NITRILE, NEOPRENE, VINYL, LATEX GLOVES.

Eye Protection:FACE SHIELD & SAFETY GLASSES W/ SIDE SHIELDS OR
SPLASH-PROOF CHEMICAL GOGGLES.

Other Protective Equipment:IMPERVIOUS BOOTS, APRON, AND PROTECTIVE
CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY
SHOWER NEAR WORK AREA. DO NOT WEAR CONTACT LENSES.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.
WASH HANDS AFTER USE AND BEFORE EATIN

G.

Supplemental Safety and Health

NFPA-704M SYSTEM: HEALTH=2, FLAMMABILITY=3, REACTIVITY=0.

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:230-232F

Vapor Pres:38 MMHG AT 20C

Vapor Density:3.2 AIR=1

Spec Gravity:1.060-1.070

pH:N.A.

Evaporation Rate & Reference:1.5 (BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:THICK BLUE PAINT, AROMATIC HYDROCARBON ODOR.

===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS, BARIUM BERYLLIUM, LITHIUM, ZINC, NAOH,
K2CO3.

Stability Condition to Avoid:STABLE UNDER NORMAL AMBIENT CONDITIONS.
DRIES IN AIR. KEEP WAY FROM HEAT, SPARKS, FLAME & SOURCES OF
IGNITION.

Hazardous Decomposition Products:HIGHLY TOXIC PHOSGENE, COX, HCL.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:NOT AVAILAB

LE.

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Ecological Information
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Ecological:NOT AVAILABLE.

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Disposal Considerations
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Waste Disposal Methods:SHIP TO APPROVED TREATMENT/DISPOSAL FACILITY.
DISPOSE OF ACCORDING TO LOCAL, STATE, FEDERAL REGULATIONS. EPA
WASTE ID NUMBER: F024. FOLLOW APPLICABLE RULES FOR DISPOSAL OF
EMPTY CONTAINERS AND REINSA TE. DISPOSAL INFORMATION APPLIES TO
MATERIAL AS MANUFACTURED. CONTAMINATION MAY AFFECT DI
SPOSAL RE
QUIREMENTS. RESPOSIBILITY IS WITH WASTE GENERATOR.

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MSDS Transport Information
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Transport Information:DOT, IATA, ICAO, IMO DESCRIPTION: PROPER SHIPPING
NAME: PAINT. HAZARD CLASS: 3. IDENTIFICATION NUMBER: UN 1263.
PACKING GROUP (PG): II. LABEL REQUIREMENTS: 3-FLAMMABLE LIQUID.
UNIT CONTAINER: 1 QUART, 1 GALLON STEEL CAN. PACKAGING: MEETS
PERFORMANCE ORIENTED PACKAGING REQUIREMENTS. REPORTABLE QUANTITY
(RQ): >280 LITERS
>70 GAL. ERG GUIDE#: 128.

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Regulatory Information
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SARA Title III Information:SIFCO SELECTIVE PLATING IS REQUIRED TO
INFORM YOU, THAT THIS PRODUCT CONTAINS A TOXIC CHEMICAL OR
CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF
TITLE III OF THE SUPERFUND AMENDMENT S AND REAUTHORIZATION ACT OF
1986 AND 40 CFR PART 372, IF SPECIFIED ANNUAL THRESHOLDS ARE MET OR
EXCEEDED. TOXIC CHEMICAL: TOLUENE. CAS# : 108-88-3. WT.%
(MAXIMUM): 90.

Federal Regulatory Information:CERCLA AND EPCRA: THRESHOLD PLANNING
QUANTITY: N.A. (RELEASE) REPORTABLE QUANTITY: >280 L, >70 GAL.
EXTREMELY HAZARDOUS SUBSTANCE: NO. EPCAR HAZARD CATEGORIES:
IMMEDIATE (ACUTE) HEALTH-YES. DELAYED (C HRONIC) HEALTH-YES.
FIRE-YES. SUDDEN RELEASE OF PRESSURE-NO. REACTIVITY-NO. TSCA: ALL
INGREDIENTS OF THIS PRODUCT ARE LISTED UNDER TOXIC SUBSTANCE
CONTROL ACT (TSCA). ODS: THIS PRODUCT DOES NOT CONTAI N OZONE
DEPLETING S

UBSTANCES (ODS). THIS PRODUCT DOES NOT CONTAIN ANY
POLYCHLORINATED BYPHENYLS (PCB).

State Regulatory Information: CALIFORNIA PROP. 65: WARNING! THIS PRODUCT
CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE
CANCER, BIRTH DEFECTS, OR REPRODUCTIVE TOXICITY.

===== Other Information =====

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