

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

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Product Identification  
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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  
Cou  
ntry: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

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Composition/Information on Ingredients  
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Ingred Name  
:TOLUENE  
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

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Hazards Identification  
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toxic: 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

h Point:=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 Release 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:NONE

===== 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 CONTAINER

TIGHTLY CLOSED IN UPRIGHT POSITION. STORE AT 60-90F AWAY FROM INCOMPATIBLE MATERIALS AND PHYSICAL HAZARDS. DO NOT REMOVE OR DEFACE CONTAINER LABELS.

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

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

Ventilation:LOCAL EXHAUST VENTILATION IS REQUIRED TO MEET THE PERMISSIBLE

EXPOSURE 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 EA  
TING.

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 AVAI

TABLE.

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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  
DISPOSAL 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 LITE  
RS >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

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(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  
DEPLETIN

G SUBSTANCES (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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This information is formulated for use by elements of the Department  
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