

SIFCO SELECTIVE PLATING, DIV OF SIFCO INDUSTRIES -- 11700056 PEEL MASK --  
3426-01-197-7788

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

Product ID:11700056 PEEL MASK

MSDS Date:02/16/1989

FSC:3426

NIIN:01-197-7788

MSDS Number: BHXFX

=== Responsible Party ===

Company Name:SIFCO SELECTIVE PLATING, DIV OF SIFCO INDUSTRIES

Address:5708 SCHAFF ROAD

City:CLEVELAND

State:OH

ZIP:44131-1394

Country:US

Info Phone Num:

216-881-8600

Emergency Phone Num:216-881-8600

Preparer's Name:WERNER A.EHRENSCHNEIDER

CAGE:DO645

=== 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

CAGE:11924

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

Address:5708 SCHAAF ROAD

City:CLEVELAND

State:OH

ZIP:44131-1394

Country:US

Phone:216-524-0099

CAGE:DO645

=====

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

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 60%  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:MFR STATES,"TRADE SECRET INFO WILL BE DISCLOSED ONLY UPON  
FULL COMPLIANCE WITH OSHA STD, 29 CFR 1910.1200."  
RTECS #:9999999ZZ

==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingest  
ion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:PRODUCT IS IRRITATING TO BODY  
TISSUES. MAY CAUSE DROWSINESS AND IRRITATE NOSE & THROAT. LARGE  
AMOUNTS CAN CAUSE SERIOUS INJURY. CHRONIC: REPEATED & PROLONGED  
SKIN CONTACT CAUSES SERIOUS IRRITATION & BURNS. VAPORS MAY INJURE  
LUNGS, LIVER, KIDNEY & CENTRAL NERVOUS SYSTEM.

Explanation of Carcinogenicity:MFR LISTS NO INGREDIENT THAT IS LISTED  
BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO EYE, SKIN &  
RESPIRATORY TRACT IRRITATION. VAPORS MAY CAUSE DIZZINESS,  
HEADACHES, NAUSEA, AND SKIN/EYE IRRITATION. INHALING LIQUID WHILE  
VOMITING CAN SERIOUSLY INJURE LUNGS. MAY BURN OR BE ABSORBED  
THROUGH SKIN DURING PROLONGED OR REPEATED CONTACT, CAUSING SERIOUS  
INTERNAL INJURY.

Medical Cond Aggravated by Exposure:PERSONS WITH EXISTING EYE, SKIN,  
AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK WHEN HANDLING OR  
USING THIS PRODUCT.

==== First Aid Measures =====

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH  
SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE  
REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF  
NECESSARY. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES  
OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY  
MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A  
DOCTOR

OR.

===== Fire Fighting Measures =====

Flash Point Method:TOC

Flash Point:41.0F,5.0C

Lower Limits:1.2

Upper Limits:7

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE CONTAINERS TO BURST, EX POSING HIGHLY FLAMMABLE CONTENTS.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE SOURCES OF IGNITION. USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL. VENTILATE AREA.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED AND AWAY FROM HEAT, SPARKS, AND OPEN FLAME. FLAMMABLE LIQUID; EMPTY CONTAINERS MAY CONTAIN HAZARDOUS VAPORS AND RES IDUES.

Other Precautions:ALLOW EMPTY CONTAINER TO DRY IN A WELL VENTILATED AREA FREE OF IGNITION SOURCES BEFORE DISPOSAL

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ORGANIC DUST/VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS P ERTAINING TO RESPIRATOR USE.

Ventilation:LOCAL AND MECHANICAL(GENERAL ) ARE BOTH RECOMMENDED. AVOID

OPEN ELECTRICAL IGNITION SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:RUBBER OR PLASTIC RECOMMENDED.

Eye Protection:SAFETY GLASSES OR SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. WEAR INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

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

====

HCC:F2

Spec Gravity:1.0-1.04

Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:THICK BLUE PAINT,STRONG SOLVENT ODOR

Percent Volatiles by Volume:60

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:TALC DUST AND CARBON DIOXIDE AND OTHER  
TRAC

ES OF INCOMPLETELY BURNED CARBON PRODUCTS.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL  
REGULATIONS. DISPOSAL MAY BE DONE BY INCINERATION.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be  
accurate and

disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.