

FLAMEMASTER CORP THE CHEM SEAL DIV -- CS 3808 CLASS A (PART A) -- 5970-01-084-4932

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

Product ID:CS 3808 CLASS A (PART A)

MSDS Date:10/22/1991

FSC:5970

NIIN:01-084-4932

Kit Part:Y

MSDS Number: CKSXL

=== Responsible Party ===

Company Name:FLAMEMASTER CORP THE CHEM SEAL DIV

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352-4949

Country:US

Info Phone Num:81

8-982-1650

Emergency Phone Num:(800)424-9300

Preparer's Name:HERBERT MOORE

Chemtec Ind/Phone:(800)424-9300

CAGE:14439

=== Contractor Identification ===

Company Name:AWOSCO NETWORK INTL INC

Address:4822 HAWKSBURY RD

Box:City:BALTIMORE

State:MD

ZIP:21208

Country:US

Phone:410-655-9200

Contract Num:SP0430-00-M-H416

CAGE:06WC3

Company Name:FLAMEMASTER CORP THE CHEM SEAL DIV

Address:11120 SHERMAN WAY

Box:City:SUN VALLEY

State:CA

ZIP:91352-4949

Country:US

Phone:818-982-1650

CAGE:14439

Company Name:IBI

DE INTL CORP
Address:2804 LINDIN WAY (FORM:229 GENTLEBROOK RD
Box:City:WOODSTOCK (FORM:OWINGS MILLS
State:MD
ZIP:21163-1400
Country:US
Phone:410-521-8711
Contract Num:SP0400-00-T-D476
CAGE:06PW2

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

Ingred Name:SILICA, CRYSTALLINE
CAS:14808-60-7
RTECS #:VV7330000
= Wt:31.
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.1 MG/M3

Ingred Name:ETHYL SILICATE
CAS:78-10-4
RTECS #:VV9450000
= Wt:3.
OSHA PEL:850 MG/M3;100 PPM
ACGIH TLV:85 MG/M3;10 PP
M

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE IRRITATION. HARMFUL IF SWALLOWED.
MAY CAUSE LIVER DAMAGE WITH PROLONGED EXPOSURE.
Effects of Overexposure:IRRITATION OF NASAL MEMBRANE. REDNESS WITH
IRRITATION OF EYES.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES, CONSULT PHYSICIAN.
SKIN: WASH WITH SOAP AND WATER. INGESTION: DRINK WATER, CONSULT
PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:>93.3C, 200.F
Extinguishing Media:WATER, FOAM, DRY CHEMICAL.
Fire Fighting Procedures:NONE KNOWN.
Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Proced

ures:COVER WITH ABSORBENT MATERIAL. SCOOP UP AND
TRANSFER TO WASTE CONTAINER. WASH AREA WITH SOAP AND WATER, TO
REDUCE SLIPPING HAZARD.

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

Handling and Storage Precautions:STORE IN REFRIGERATED AREA, TO PROLONG
WORK LIFE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:AVOID CONTACT WITH SKIN AND EYES.

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

Respiratory Protection:IF TLV IS EXCEE
DED WEAR RESPIRATOR WITH ORGANIC
VAPOR CARTRIDGE.

Ventilation:LOCAL EXHAUST: AIR OR HOOD. MECHANICAL (GENERAL): FAN.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES.

Work Hygienic Practices:TRAIN EMPLOYEES IN THE PROPER HANDLING OF THIS
PRODUCT BEFORE USE.

Supplemental Safety and Health

THIS ENTRY DESCRIBES CS 3808 CLASS A (PART A), MSDS SERIAL # CKSXL, ONE
PART OF A THREE PART KIT. SEE THIS SAME NSN, MFN 1, FOR DATA
COVERING CS 9903 PRIMER, MSDS SERIAL # CKSXG AND CS 380
8 CATALYST (
PART B), MSDS SERIAL # CKSXP, THE OTHER TWO ITEMS IN KIT.

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

HCC:F2

Melt/Freeze Pt:M.P/F.P Text:LIQUID AT ROOM TEMP.

Spec Gravity:1.50

Solubility in Water:INSOLUBLE

Appearance and Odor:RED PASTE, SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Hazardous Decomposition Products:OXIDES OF CARBON, SILICON DIOXIDE,
ETHANOL.

C

onditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:CRYSTALLINE SILICA AS DUST; THE EXPOSURE LIMITS ARE BASED ON DUST PARTICLES. IN THIS PRODUCT SILICA PARTICLES ARE WETTED OUT THEREFORE AIRBORN PARTICLES WILL NOT RESULT FROM NORMAL USE.

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

Waste Disposal Methods:DISPOSE AS NON-HAZARDOUS MATERIAL ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. REACTS WITH PART B &/OR AS IS, DISPOSE AS NON-HAZARDOUS WASTE PER LOCAL, STATE, AND FEDERAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER/CODE: CAD062064746. HAZARDOUS WASTE CHARACTERISTICS: SLUDGE. DISPOSAL METHODS: INCINERATION &/OR LANDFILL.

===== MSDS Transport Information =====

Transport Information:49 CFR, IMO, IATA: SHIPPING NAME: RETARDENTS, FLAME. 3541 GRAMS IN A METAL, GALLON CAN. U.S. POSTAL SERVICE REGULATIONS: UNKNOWN. ID NUMBER: N/A.

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.