

SELBY, BATTERSBY AND COMPANY -- FORANAFT COMPOUND #1102000400 -- 5610-01-281-9741
===== Product Identification =====

Product ID:FORANAFT COMPOUND #1102000400
MSDS Date:01/29/1993
FSC:5610
NIIN:01-281-9741
Kit Part:Y
MSDS Number: CDPJM
=== Responsible Party ===
Company Name:SELBY, BATTERSBY AND COMPANY
Address:5220 WHITBY AVE.
City:PHILADELPHIA
State:PA
ZIP:19143
Country:US
Info Phone Num:215-474-4790
Emergency Phone Num:215-474-4790
Preparer's Name:J. FORAN
CAGE:GO790
=== Contractor Identification ===
Company Name:REFINERS MARKETING COMPANY
Address:302 FIFTH ST.STE 300
City:SAN PEDRO
State:CA
ZIP:90731
Country:US
Phone:213-519-7696
CAGE:86737
Company Name:SELBY, BATTERSBY & CO.
CAGE:GO790

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

Ingred Name:SILICA, CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 45.0%
Other REC Limits:NONE RECOMMENDED
O

SHA PEL:0.1 MG/M3

Ingred Name:CALCIUM ALUMINUM SILICATE

CAS:1327-39-5

Fraction by Wt: 15-30%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3

Ingred Name:SILICON DIOXIDE

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 4.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.1 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:I

INHALATION: UPPER RESPIRATORY

IRRITATION. NOSE TISSUE INFLAMMATION, SILICOSIS. SKIN: DRYING,
ALKALI BURNS. ALLERGIC DERMATITIS. EYE: IRRITATION. INGESTION: LOW
TOXICITY. ACUTE: CORNEAL INFLAMMATION.

Explanation of Carcinogenicity:IARC HAS EVALUATED THERE IS LIMITED
EVIDENCE CARCINOGENICITY OF CRYSTALLINE SILICA DUST W/RESPECT TO
HUMANS.

Medical Cond Aggravated by Exposure:CHRONIC RESPIRATORY CONDITIONS.

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

First

First Aid:EYES: FLUSH W/COOL WATER >15 MINUTES. CALL DR. SKIN: WASH
W/SOAP & WATER. CALL DR. INGESTION: CALL DR. NEVER GIVE ANYTHING BY
MOUTH TO UNCONSCIOUS PERSON. INHALATION: MOVE TO FRESH AIR. IF NOT
BREATHING GIVE ARTIFICIAL RESPIRATION. IF TROUBLE BREATHING, GIVE
OXYGEN. CALL DR.

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

Flash Point:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.

Fire Fighting

Procedures:WEAR NIOSH/MSHA APPROVED RESPIRATORS.

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

Spill Release Procedures:USE DUSTLESS METHOD. DON'T DRY SWEEP. PLACE IN CLOSED CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT.

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

Handling and Storage Precautions:USE DUSTLESS SYSTEMS FOR HANDLING/STORAGE/CLEAN-UP SO THAT AIRBOURNE DUST DOES NOT EXCEED PEL. USE ADEQUATE VENTILATION & DUST COLLECTION.

Other Precautions:KEEP DRY. AVOID WIND & SPILLING.

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

Respiratory Protection:NIOSH APPROVED DUST MASK/RESPIRATOR.

Ventilation:SUFFICIENT LOCAL EXHAUST TO REDUCE DUST TO PEL.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYEWASH FACILITY, SAFETY SHOWER RECOMMENDED LONG SLEEVED SHIRTS/PANTS.

Work Hygienic Practices:WASH W/SOAP & WATER AFTER USING/BEFORE EATING.

Supple

mental Safety and Health

NK

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

Boiling Pt:B.P. Text:4046F,2230C

Vapor Density:NA

Spec Gravity:2.77

Evaporation Rate & Reference:NA

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK GRAY SANDY POWDER, NO ODOR

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

Stability Indicator/Materials to Avoid:YES

NK

Stability Condition to Avoid:NONE

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

===

Waste Disposal Methods: ACCORDING TO LOCAL, STATE, FEDERAL EPA REGULATIONS.

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.