

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:215-474-4

790

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

NHALATION: 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 =====

Firs

t 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  
BREATHI NG 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

the responsibility for the suitability of this information to their particular situation.