

SEAGRAVE COATINGS CORPORATION -- M-430 CEMENT TYPE I MMM-A-105 -- 8040-00-817-6826

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

Product ID:M-430 CEMENT TYPE I MMM-A-105

MSDS Date:05/05/1987

FSC:8040

NIIN:00-817-6826

MSDS Number: BFQRZ

=== Responsible Party ===

Company Name:SEAGRAVE COATINGS CORPORATION

Address:320 PATERSON PLANK RD

City:CARLSTADT

State:NJ

ZIP:07072

Info Phone Num:(201)933-1000

Emergency Ph

one Num:(201)933-1000

CAGE:DO631

=== Contractor Identification ===

Company Name:SEAGRAVE COATINGS CORP OF VA.

Address:4030 SEAGUARD AVENUE

City:PORTSMOUTH

State:VA

ZIP:23701

Phone:1-800-424-9300

CAGE:DO631

Company Name:SEAGRAVE CORP TITANINE DIVISION

Address:320 PATERSON PLANK RD

Box:City:CARLSTADT

State:NJ

ZIP:07072-2302

Country:US

CAGE:78767

Company Name:STEVENS INDUSTRIES

Address:39 AVE C

Box:8

City:BAYONNE

State:NJ

ZIP:07002

Country:US

Phone:201-437-6500

CAGE:70372

===== Compositio

n/Information on Ingredients =====

Ingred Name:LACTOL SPIRITS
CAS:64742-89-8
Fraction by Wt:
Other REC Limits:400 PPM
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt:
Other REC Limits:100PPM
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt:
Other REC Limits:400PPM
OSHA PEL:400 PPM/500 STEL
ACGIH
TLV:400 PPM/500STEL;9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt:
Other REC Limits:100PPM
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt:
Other REC Limits:150 PPM
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

===== Haza

Identification =====

LD50 LC50 Mixture:N/K

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

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

Health Hazards Acute and Chronic:ACUTE:PALE, NAUSEOUS, DIZZY, WEAKNESS.
CHRONIC:UNKNOWN.

Explanation of Carcinogenicity:NOT APPLICABLE

Effects of Overexposure:POSSIBLE DIZZINESS, HEADACHE, NAUSEOUS,
WEAK/IRRITATION.

Medical Cond Aggravated by Exposure:UNKNOWN.

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

First Aid:TREAT SYMPTOMATICALLY-CONSULT PHYSICIAN.EYE-FLUSH IMME W/LGE
AMTS OF WTR FOR AT LEAST 15MIN.TAKE TO PHYSICIAN.INHAL:REMOVE TO
FRESH AIR.RESTORE BREATHING(GIVE O*2/ARTIFICIAL RESPIRATION),TREAT
SYMPTOMATICALLY-CONSULT PHYSICIAN.INGES:DRINK 1-2 GLASSES OF WATER
TO DILUTE.DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.SKIN:WASH
W/SOAP & WTR,RMOV CONTAM CLTHNG,CONSULT PHYS IF NEEDED.

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

Fla

Flash Point Method:TCC

Flash Point:21F/-6.1C

Lower Limits:1.4

Upper Limits:12.0

Extinguishing Media:CO*2, DRY CHEMICAL, FOAM

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT . DO NOT USE WATER-EXCEPT W/FOG NOZZLES.

Unusual Fire/Explosion Hazard:DO NOT USE ON HOT SURF/IN AREAS WHERE
ELEC SPRK MAY BE PRESENT/WHERE STATIC CHARGE MAY BE GENERATED.DUE
TO EXTREML HEAT EXPO,PRESS MAY BLD UP IN CLOSED(SUP DAT)

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

Spill Release Procedures:REMOVE ANY SOURCE OF SPARK/FLAME, PROVIDE
IMMEDIATE VENTILATION, AVOID BREATHING VAPORS & WEAR APPROPRIATE
RESPIRATOR. ADD ABSORBENT TO SPILL, PLACE IN SEALED METAL
CONTAINERS USING NON-SPARKING TOOLS .

Neutralizing Agent:N/K

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

Handling and Storage Precautions:STORE IN RED LABEL AREA IN ORIGINAL
CONTAINERS.

Other Precautions:GROUND ALL EQUIPMENT & CONTAINERS.

=====

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

Respiratory Protection:USE NIOSH/MSHA APPROVED CHEMICAL FILTERS
DESIGNED TO REMOVE A COMBINATION OF PARTICLES/VAPORS. IN CONFINED
AREAS USE APPROVED AIR LINE TYPE RESPIRATORS/HOODS.

Ventilation:NECESSARY, LOCAL EXHAUST-RECOMMENDED.
MECHANICAL(GENERAL)-ACCEPTABLE. SPECIAL-WEAR DUST MASK WHILE SANDNG
DRY PAINT FILM

Protective Gloves:SOLVENT RESISTANT GLOVES.

Eye Protection:CHEMICAL WORKER GOGGLES.

Other Protective Equipmen

t:APRON & BOOTS RECOMMENDED.IF SKIN CONTACT IS
LIKELY USE PROTECTIVE SKIN CREAM.EYE BATH & SAFETY SHOWER.

Work Hygienic Practices:N/K

Supplemental Safety and Health

BP:79.4-126.1C.% VOLT:N/K-PH:N/K-UNU FR&EXPLO HAZ:CNTNR,WHCH MAY
EXPLODE.WTR MAY BE USED TO COOL UNRUPTURED CONTAINERS.

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

HCC:F2

Boiling Pt:B.P. Text:175-259F

Melt/Freeze Pt:M.P/F.P Text:N/APPLICABL

Decomp Temp:Decomp Text:N/K

Vapor Density:HV THN AIR

Spec

Gravity:0.86

Evaporation Rate & Reference:N/K

Solubility in Water:NONE

Appearance and Odor:LIQUID-MILD

Corrosion Rate:

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:EXCESSIVE HEAT & FIRE.

Hazardous Decomposition Products:OXIDES OF CARBON.

Conditions to Avoid Polymerization:HIGH TEMPERATURE.

==== Disposal Considerations =====

Waste Disposal Methods:D

ISPOSE OF IN ACCORDANCE W/ FEDERAL, STATE &
LOCAL 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
or the suitability of this information to their
particular situation.