

SHERWIN-WILLIAMS CO -- F65E37, KEM LUSTRAL ENAMEL NON-LEAD (SUPP D -- 8010-01-060-6457
===== Product Identification =====

Product ID:F65E37, KEM LUSTRAL ENAMEL NON-LEAD (SUPP D

MSDS Date:12/05/1986

FSC:8010

NIIN:01-060-6457

MSDS Number: BPMJW

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO

Address:101 PROSPECT AVE NW

City:CLEVELAND

State:OH

ZIP:44115-1042

Country:US

Info Phone Num:216-5

66-2902

Emergency Phone Num:216-566-2917

CAGE:54636

=== Contractor Identification ===

Company Name:SHERWIN-WILLIAMS CO THE

Address:101 PROSPECT AVE NW

Box:City:CLEVELAND

State:OH

ZIP:44115-1042

Country:US

Phone:800-251-2486/216-566-2242

CAGE:54636

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

Ingred Name:V.M. & P. NAPHTHA. VP:12.

CAS:64742-48-9

Fraction by Wt: 0-5%

OSHA PEL:300 PPM; 400 STEL

ACGIH TLV:300 PPM

Ingred Name:KEROSENE (PETROLEUM), HYDROTREATED; (MINERAL SPIR

ITS).

VP:2.

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: 35-55%

OSHA PEL:500 PPM (MFR)

ACGIH TLV:100 PPM (MFR)

Ingred Name:MINERAL SPIRITS; (MINERAL SPIRITS 140-FLASH). VP:0.5.

CAS:64742-88-7

Fraction by Wt: 0-5%

ACGIH TLV:100 PPM (MFR)

Ingred Name:DIPROPYLENE GLYCOL, MONOMETHYL ETHER;
(2-METHOXYMETHYLETHOXYPROPANOL). VP:0.4.

CAS:34590-94-8

RTECS #:JM1575000

Fraction by Wt: 0-5%

OSHA PEL:100PPM;150PPM STEL,S

ACGIH TLV:100PPM;150PPM STEL,S

Ingred Name:ETHANOL, 2-BUTOXY-; (2-BUTOXYE
THANOL). VP:0.6.

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 0-5%

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

Ingred Name:TITANIUM OXIDE; (TITANIUM DIOXIDE)

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 0-30%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SUPP DATA: SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN
MEDICAL ATTENTION.

RTECS #:9999999ZZ

Ingred Name:EFT OF OVEREXP: ASSOC W/ADMIN OF ETHYLENE GLYCOL MONOBUTYL
ETHER (EGBE). (EXTRACTED FROM DHHS (NI

OSH) PUB#90-118).
RTECS #:9999999ZZ

Ingred Name:OTHER PREC: DIOXIDE, CALCIUM CARBONATE, ETC., WHICH MAY BE
PRESENT AT HAZ LEVELS ONLY DURING SANDING/ABRADING (ING 10)
RTECS #:9999999ZZ

Ingred Name:ING 9: OF DRIED FILM. INTENTIONAL MISUSE BY DELIB
CONC/INHALING CONTENTS CAN BE HARMFUL/FATAL. USE ONLY W/ADEQ (ING
11)
RTECS #:9999999ZZ

Ingred Name:ING 10: VENTILATION. AVOID BRTHG VAPOR & SPRAY MIST. AVOID
CONT W/SKIN & EYES. WASH HANDS AFTER USING. PROTECT (ING 12)
RTECS #:999999
9ZZ

Ingred Name:ING 11: AGAINST DUST WHICH MAY BE GENERATED BY SANDING OR
ABRADING THE DRIED FILM.
RTECS #:9999999ZZ

Ingred Name:VENT: EXPOSURE LIMITS. REFER TO OSHA STANDARDS 1910.94,
1910.107, 1910.108.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUT

E: OVEREXPOS CAUSES EYE/SKIN/RESP

IRRIT. MAY CAUSE NERVS SYS DEPRESS ACCOMPANIED BY HDACH, DIZZ,
NAUS, CONFUSION & STAG GAIT. EXTREME OVEREXPOS MAY RSLT IN UNCON &
POSSIBLY DEATH. CHRONIC: PRLNG O VEREXPOS TO LISTED INGREDIENTS MAY
CAUSE ADVERSE EFTS TO LIVER & URINARY SYS. RATS EXPOSED TO TITANIUM
(EFT OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: DIOXIDE DUST AT 250 MG/M3 DEVELOPED
LUNG CANCER, HOWEVER, SUCH EXPOSURE LEVELS AR

E NOT ATTAINABLE IN
WORKPLACE. REPORTS HAVE ASSOC RPTD/PRLNG OVEREXPOS TO SOLV W/PERM
BRAIN & NERVS SYS DMG. ANIMAL STUDIES CLEARLY DEMONSTRATED
DOSE-RELATED ADVERSE EFTS ON CNS, HEMATOPOIETIC TISS, BLOOD,
KIDNEYS & LIVER,(ING 8)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND
QUIET. SKIN: WASH AFFECTED AREA THOROU
GHLY W/SOAP AND WATER. REMOVE
CONTAMINATED CLOTHING & LAUNDRER BEFORE RE-USE. EYES: FLUSH W/LARGE
AMO UNTS OF WATER FOR A MINIMUM OF 15 MINUTES. GET MEDICAL
ATTENTION. INGEST: CALL MD IMMEDIATELY .

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

Flash Point Method:PMCC
Flash Point:102F,39C
Lower Limits:0.7%
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP
. WATER SPRAY MAY BE INEFT
IVE. IF WATER IS USED, FOG NOZZ ARE PREF.
WATER MAY BE USED TO COOL (SUPP DATA)
Unusual Fire/Explosion Hazard:COMBUSTIBLE. FLASH ABOVE 99 & BELOW 200F.
KEEP CONTRS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELEC EQUIP, SPARKS,
& OPEN FLAME. CLOSED CONTRS MAY EXPLODE (SUPP DATA)

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE AND
REMOVE WITH INERT ABSORBENT.
Neutralizing Agent:NONE SPECIFIED BY MANUFA
CTURER.

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

Handling and Storage Precautions:DOL STORAGE CATEGORY 2. CONTENTS ARE
COMBUSTIBLE! KEEP AWAY FROM HEAT & OPEN FLAME. CONSULT NFPA CODE.
USE APPROVED BONDING & GROUNDING PROCEDURES.
Other Precautions:KEEP CONTR CLOSED WHEN NOT IN USE. TRANSFER ONLY TO
APPRVD CONTRS W/COMPLETE & APPROP LBLG. DO NOT TAKE INTERNALLY.
KEEP OUT OF REACH OF CHILDREN. THIS COATING CNTNS MATLS CLASSIFIED
AS NUISANCE PARTI CU

LATES, FOR EXAMPLE TITANIUM (ING 9)

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

Respiratory Protection:IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR RESPIRATORY DEVICE APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS LISTED IN INGREDIENT SECTION.

Ventilation:LOCAL EXHST PREFERABLE. GENERAL EXHST ACCEPTABLE IF EXPOSURE TO LISTED INGREDIENTS IS MAINTAINED BELOW APPLIC (ING 13)

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE. WASH HANDS AFTER USING.

Supplemental Safety and Health

MFR'S TRADE NAME: COLORS INTERNATIONAL ORANGE. FIRE FIGHT PROC: CLOSED CONTRS TO PVNT PRESS BUILD-UP & POSSIBLE AUTOIGNIT/EXPLOS WHEN EXPOSED TO EXTREME HEAT. EXPLO HAZ: WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQS SPECIAL PREC. DURIN

G EMER CNDTNS,

OVEREXPOS TO DECOMP PRODS MAY CAUSE HLTH HAZ. (ING 7)

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

Boiling Pt:B.P. Text:>240F,>116C

Vapor Pres:SEE INGRED

Vapor Density:HVR/AIR

Spec Gravity:0.9-1.2

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:58-66

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

Stability Indicator/Materials to Avoid:YES

NONE SP

ECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:BY FIRE: CO*2, CO.

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

Waste Disposal Methods:WASTE FROM PROD MAY BE HAZ AS DEFINED UNDER RCRA 40CFR 261. WASTE MUST BE TESTED FOR IGNITABILITY TO DETERM APPLIC EPA HAZ WASTE#. INCIN IN APPRVD FACILITY. DO NOT INCIN CLOSED CONTR. DISPOSE OF I/A/W FED/STATE/LOC REGS REGARDING POLLUTION.

Disclaimer (p

rovided 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.