

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-

566-2902

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 SPI

RITS).

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-BUTOXY
ETHANOL). 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 (N

IOSH) 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 #:99999
99ZZ

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

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===== 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:ACU
TE: 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 A

RE 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.

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

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

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===== 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 INEF

TIVE. 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)

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE AND
REMOVE WITH INERT ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUF
ACTURER.

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===== 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 C

ULATES, FOR EXAMPLE TITANIUM (ING 9)

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===== 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. DURING EMER CNDTNS,

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

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===== 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

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

Stability Indicator/Materials to Avoid:YES

NONE S

PECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

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

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===== 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.

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