

FARWEST PAINT MFG CO -- 21105 RED VINYL TOPCOAT -- 8010-01-241-9734

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

Product ID:21105 RED VINYL TOPCOAT

MSDS Date:10/11/1990

FSC:8010

NIIN:01-241-9734

MSDS Number: BKJVT

=== Responsible Party ===

Company Name:FARWEST PAINT MFG CO

Address:4522 S 133 ST

Box:68726

City:TUKWILA

State:WA

ZIP:98168-3251

Country:US

Info Phone Num:206-244-8844

Emergency Phone Num:206-941-1619

Preparer's Name:MIKE L. HARRIS

CAGE:6F266

=== Contractor Identification ===

Company Name:FARWEST PAINT MANUFACTURING CO

Address:4522 SOUTH 133RD ST

Box:City:TUKWILA

State:WA

ZIP:98168

Country:US

Phone:206-244-8844

CAGE:6F266

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

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 40-45%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qt

y:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 30-35%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PIGMENTS (SOME COLORS MAY CONTAIN LEADED PIGMENT)(0-2% LEAD
IS A SUSPECTED CARCINOGEN.)(THESE PRODUCTS ARE FOR *
Fraction by Wt: 3-5%
Other REC Limits:NONE SPECIFIED

Ingred Name:*INDUSTRIAL USE ONLY. DO NOT USE IN OR AROUND HOUSEHOLD OR
EATING AREAS.)(OSHA 8-HR TWA IS 50UG OR 0.05 MG/M3 (AS PB)).
RTECS #:9999999ZZ
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 4.90 LBS/GL 588 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT)=2.08 G/KG; DERMAL LD50
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:(RABBIT)=>20 ML/KG; INHAL
ATION LC50

(RAT)= 2,000-6,000 PPM/4 HOURS. EYES: CAN CAUSE SEVERE IRRITATION,
REDNESS, TEARING, BLURRED VISION. SKIN: PROLONGED OR REPEATED
CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.
BREATHING: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND
RESPIRATORY IRRITATION,
Effects of Overexposure:DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE,
POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION. SWALLOWING: CAN
CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMI

TING AND DIARRHEA.

ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Medical Cond Aggravated by Exposure:OVEREXPOSURE TO SOLVENTS CAN CAUSE PERMANENT BRAIN DAMAGE.

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

First Aid:SKIN: WASH EXPOSED AREA W/SOAP & WATER. REMOVE CONTAM CLOTHING. LAUNDER BEFORE REUSE. EYES: FLUSH W/LG AMTS WATER. LIFT UPPER/LOWER LIDS OCCASIONALLY, GET MEDICAL AID. SWALLOW: DO NOT INDUCE VOMIT. KE EP WARM/QUIET. GET MEDICAL AID. ASPIR OF MAT'L INTO LUNGS CAN CAUSE CHEM PNEUMONITIS/POSS FATAL. INHALE: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT, GIVE OXYGEN. IF STOPPED,GIVE CPR. GET MEDICAL AID.

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

Flash Point Method:TCC

Flash Point:45.0F,7.2C

Lower Limits:1.4

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

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS WITH A FULL FAC

EPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NEVER USE NEAR OR AROUND WELDERS OR CUTTING TORCHES, DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

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

Spill Release Procedures:REMOVE IGNITE SOURCES. WEAR PROTECT EQUIP WHEN IN SPILL AREA UNTIL CLEAN-UP COMPLETED. STOP SPILL AT SOURCE & DIKE SPILL AREA. PUMP LIQUID TO SALVAGE TANK.

TAKE UP REMAINING LIQ

W/ABSORB. PREVENT RUN- OFF TO WATER.NOTIFY AUTHORITIES IF RUN-OFF OCCURS.

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES, OBSERVE ALL HAZARD PRECAUTIONS GIVEN.

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

Respiratory Protection:IF TLV EXCEEDED, USE A NIOSH/MSHA APPROVED AI

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SUPPLIED RESPIRATOR. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. IMPLEMENT ENGINEERING/ ADMINISTRATIVE CONTROL TO REDUCE EXPOSURE.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NITRILE RUBBER.

Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GLASSES.

Other Protective Equipment:TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Work Hygienic Practices:KEEP WORK AREA CLEAN & FREE FROM LEAKS & SPILLS. ALWAYS WASH HANDS THOROUGHLY W/SOAP & WATER BEFORE HANDLING FOOD/DRINK.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:175 TO 241F

Vapor Density:> AIR

Viscosity:54-67 KU

Evaporation Rate & Reference:1.6 (N-BUAC = 1)

Solubility in Water:NIL

Appearance and Odor:VISCOUS LIQUID WITH A MILD AROMATIC, KETONE ODOR.

Percent

Volatiles by Volume: