



446 ROTUNDA RED URETHANE COLOR COAT

MSDS Number

BBKSJ

National Stock Number

8010-00F002328

Product Name

446 ROTUNDA RED URETHANE COLOR COAT

Manufacturer

TENNANT COMPANY

Product Identification

Product ID:446 ROTUNDA RED URETHANE COLOR COAT
MSDS Date:11/01/1985
FSC:8010
NIIN:00F002328
MSDS Number: BBKSJ

Responsible Party

TENNANT COMPANY
MINNEAPOLIS , MN 55440
Emergency Phone: (612) 540-1381
Info Phone: (612) 544-5163
Cage: D0218

Contractor

TENNANT COMPANY
1452
MINNEAPOLIS, MN 55440-1452
US
612-540-1556/800-553-8033
Cage: D0218

Ingredients

XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS: 1330-20-7
RTECS: ZE2100000
Fraction By Weight: 10-20%
OSHA PEL100 PPM/150 STEL
ACGIH TLV: 100 PPM/150STEL;9192
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4
RTECS: AF7350000
Fraction By Weight: 10-20%
OSHA PEL150 PPM/200 STEL



ACGIH TLV: 150 PPM/200STEL;9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

VM&P NAPHTHA (LIGROINE)

CAS: 8032-32-4

RTECS: OI6180000

Fraction By Weight: 5-15%

OSHA PEL300 PPM/400 STEL

ACGIH TLV: 300 PPM; 9192

GARNET TONER

Fraction By Weight: 5-15%

URETHANE PREPOLYMER

CAS: 9040-80-6

Fraction By Weight: 1-10%

OSHA PELNONE

ACGIH TLV: NONE

ALKYD RESIN

CAS: 67700-92-9

Fraction By Weight: 20-30%

Hazards

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

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

Health Hazards Acute and Chronic:SKIN/EYES: IRRITATION & INJURY.

INGESTION: BURNING SENSATION, VOMITING, DIARRHEA, DROWSINESS, &

TISSUE DAMAGE. INHALATION: ANESTHETIC. IRRITATION OF THE

RESPIRATORY TRACT & NERVOUS SYSTEM DEPRESSION, HEADACHE,

DIZZINESS, STAGGERING GAIT, CONFUSION & UNCONSCIOUSNESS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN/EYES: IRRITATION & INJURY. INGESTION:

BURNING SENSATION, VOMITING, DIARRHEA, DROWSINESS, & TISSUE DAMAGE.

INHALATION: ANESTHETIC. IRRITATION OF THE RESPIRATORY TRACT/ACUTE

NERVOUS SYSTEM DEPRESSI ON, HEADACHE, DIZZINESS, STAGGERING GAIT,

CONFUSION & UNCONSCIOUSNESS.

First Aid

First Aid:SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH W/WATER FOR

15 MINUTES. CALL PHYSICIAN. INGESTION: CALL PHYSICIAN. DON'T INDUCE

VOMITING. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING IF

REQUIR ED. IF BREATHING DIFFICULTY PERSISTS OROCCURS LATER, CONSULT

A PHYSICIAN.

Fire Fighting

Flash Point Method:SCC

Flash Point:80F

Lower Limits:1.0%

Upper Limits:7.0%

Extinguishing Media:CO2, DRY CHEMICAL OR FOAM.

Fire Fighting Procedures:WATER TO COOL CLOSED CONTAINERS TO PREVENT



PRESSURE BUILDUP/POSSIBLE AUTOIGNITION WHEN EXPOSED TO EXTREME HEAT (FOG NOZZLES PREFERRED). USE SCBA.
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION (FLAMES/HOT SURFACES/ELECTRICAL/STATIC/FRICTIONAL SPAS). AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE WITH INERT ABSORBENT/SCRUB WITH SOAP AND WATER.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS 1C FLAMMABLE LIQUIDS.

Other Precautions:DON'T TAKE INTERNALLY. AVOID PROLONGED CONTACT W/SKIN. CONTAMINATED CLOTHING SHOULD BE REMOVED. CONTAINER SHOULD BE GROUNDED WHILE POURING. AVOID FREE FALL OF LIQ IN EXCESS OF A FEW INCHES.

Exposure Controls

Respiratory Protection:WEAR A CHEMICAL RESPIRATOR APPROVED FOR ORGANIC VAPORS DURING THE APPLICATION & UNTIL WORK AREA HAS BEEN EXHAUSTED OF ALL VAPORS.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP BELOW TLV/LEL.

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYEWASH FACILITY.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING.

Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:260F

Vapor Pres:8.4

Vapor Density:>AIR

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:NOT SOLUBLE

Appearance and Odor:RED/FRUITY ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPFN FLAME, & HOT SURFACES

Hazardous Decomposition Products:CO₂, CO, NITROGEN OXIDES/LEAD/CHROMIUM

Disposal

Waste Disposal Methods:INCINERATE IN FURNACE OR BURY IN LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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