

420 URETHANE FINISH

MSDS Number

BBKRZ

National Stock Number

8010-00F002321

Product Name

420 URETHANE FINISH

Manufacturer

TENNANT COMPANY

Product Identification

Product ID:420 URETHANE FINISH

MSDS Date:07/01/1987

FSC:8010

NIIN:00F002321

MSDS Number: BBKRZ

Responsible Party

TENNANT COMPANY

701 NORTH LILAC DRIVE

MINNEAPOLIS , MN 55440

Emergency Phone: (612) 540-1381

Info Phone: (612) 540-1381

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: 50-60%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TOLUENE-2,4-DIISOCYANATE (TDI) (SARA III)

CAS: 584-84-9

RTECS: CZ6300000

Fraction By Weight:

OSHA PELC,0.02 PPM/0.02 STEL
ACGIH TLV: 0.005PPM/0.02STEL;93
EPA Report Quantity: 100 LBS
DOT Report Quantity: 100 LBS

URETHANE PREPOLYMER
CAS: 9040-80-6
Fraction By Weight: 50%
OSHA PELNONE
ACGIH TLV: NONE

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN/EYE: MAY CAUSE IRRITATION&
INJURY. INGESTION: CAN CAUSE BURNING
SENSATION/VOMITING/DIARRHEA/DROWSINESS & TISSUE DAMAGE. ASPIRATION
OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE
FATAL. INHALATION: ANESTHETIC. IRRITATION OF THE RESPIRATORY TRACT
OR NERVOUS SYSTEM DEPRESSION/HEADACHE/DIZZINESS.
Explanation of Carcinogenicity:CONTAINS TOLUENE 2,4-DIISOCYANATE. THIS
MATERIAL IS LISTED AS A HUMAN CARCINOGEN UNDER THE NATIONAL
TOXICOLOGY PROGRAM.
Effects of Overexposure:SKIN/EYES: CAUSE IRRITATION. INHALATION:
HEADACHE/DIZZY/STAGGERING GAIT/CONFUSION/UNCONSCIOUSNESS.

First Aid

First Aid:SKIN: WASH THOROUGHLY WITH SOAP/WATER. EYE: FLUSH W/WATER FOR
15 MINUTES. INGESTION: DON'T ATTEMPT TO INDUCE VOMITING.
INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING IF REQUIRED. IF
BREATHING DIFFICULTY PERSISTS OR OCCURS LATER. CONSULT A PHYS.

Fire Fighting

Flash Point Method:SCC
Flash Point:80F
Lower Limits:1.0%
Upper Limits:7.6%
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM
Fire Fighting Procedures:WATER TO COOL CLOSED CONTAINERS TO PREVENT
PRESSURE BUILDUP.
Unusual Fire/Explosion Hazard:KEEP CONTAINERS CLOSED. CLOSED CONTAINERS
MAY EXPLODE DUE 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/RUB WITH SOAP
AND WATER.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. STORE LARGE
QUANTITIES IN BUILDINGS DESIGNED & PROTECTED FOR STORAGE OF NFPA
CLASS IC FLAMMABLE LIQUIDS.
Other Precautions:DON'T TAKE INTERNALLY. AVOID PROLONGED CONTACT
W/SKIN; CONTAMINATED CLOTHING SHOULD BE REMOVED IMMEDIATELY. AVOID
FREE FALL LIQUID IN EXCESS OF A FEW INCHES.

Exposure Controls

Respiratory Protection:WEAR A CHEMICAL RESPIRATOR APPROVED FOR ORGANIC
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.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:295F
Vapor Pres:6
Vapor Density:>AIR
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:NOT SOLUBLE
Appearance and Odor:CLEAR/AROMATIC.
Percent Volatiles by Volume:55%

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Hazardous Decomposition Products:CARBON DIOXIDE/CARBON
MONOXIDE/NITROGEN OXIDES.

Disposal

Waste Disposal Methods:INCINERATE IN FURNACE OR BURY IN LANDFILL IN
ACCORDANCE WITH FEDERAL, STATE AND 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 the suitability of this information to their
particular situation.