

TENNANT CO -- TENNANT STS (420) STD. TRAFFIC TWO-COAT #08511 -- 8010-00-550-4261
===== Product Identification =====

Product ID:TENNANT STS (420) STD. TRAFFIC TWO-COAT #08511

MSDS Date:01/01/1992

FSC:8010

NIIN:00-550-4261

MSDS Number: BTSXF

=== Responsible Party ===

Company Name:TENNANT CO

Address:701 N LILAC DR

Box:1452

City:MINNEAPOLIS

State:MN

ZIP:55440-1452

Country:US

Info Phone Num:612-540-13

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Emergency Phone Num:612-544-5163

Preparer's Name:NORM GILL

CAGE:59500

=== Contractor Identification ===

Company Name:TENNANT CO

Address:701 N LILAC DR

Box:1452

City:MINNEAPOLIS

State:MN

ZIP:55440-1452

Country:US

Phone:612-540-1556/800-553-8033

CAGE:59500

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

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 50-60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 P

PM/150STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:URETHANE PREPOLYMER
CAS:9040-80-6
Fraction by Wt: 40-50% %
Other REC Limits:NONE RECOMMENDED

Ingred Name:TOLUENEDIISOCYANATE (MIXED ISOMERS) (SARA III) (HZD)
CAS:26471-62-5
RTECS #:NQ9490000
Fraction by Wt: < 1%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:0.005PPM/0.02STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards Acute and Chronic:CONTAINS MATERIALS WHICH MAY CAUSE SKIN IRRITATION. CONTAINS MATERIALS WHICH MAY CAUSE EYE IRRITATION AND EYE INJURY. CONTAINS MATERIAL WHICH CAN CAUSE A BURNING SENSATION, VOMITING, DIARRHEA, DROWSINESS AND TISSUE DAMAGE. ASPIRATION CAN CAUSE CHEMICAL PNEUMONIA. INHALATION MAY CAUSE ANESTHETIC EFFECTS.

Explanation of

Carcinogenicity:TOLUENE 2,4,6-DIISOCYANATE (TDI) IS LISTED AS A CARCINOGEN BY NTP AND IARC.

Effects of Overexposure:EYE IRRITATION,EYE INJURY, SKIN IRRITATION, NAUSEA, VOMITING, DIARRHEA, BURNING SENSATION IN GI TRACT, TISSUE DAMAGE IN GI TRACT, CHEMICAL PNEUMONIA, RESPIRATORY TRACT IRRITATION, ACUTE NERVOUS SYSTEM DEPRESSION, HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION AND UNCONSCIOUSNESS. CHRONIC: PERMANENT BRAIN, CNS INJURY.

Medical Cond Aggravated by Exposure

ANIC

VAPORS (NIOSH 23C OR EQUIVALENT) DURING THE APPLICATION AND UNTIL WORK AREA HAS BEEN EXHAUSTED OF ALL VAPORS.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT

AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:F3

Boiling Pt:B.P. Text:295F,146C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:6 MM HG

Vapor Density:> 1

Spec Gravity:0.98

Evaporation Rate & Reference:< 1 (N-BUTYL ACETATE = 1)

Solubility in Water:NOT SOLUBLE

Appearance and Odor:CLEAR LIQUID, AROMATIC ODOR

Percent Volatiles by Volume:55 %

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAME. DO NOT APPLY TO HOT SURFACES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND NITROGEN OXIDES IN VARYING QUANTITIES.

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

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Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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