

TOLUENE (TOLUOL), 153-7851

MSDS Number

BSDMF

National Stock Number

6810-00N045063

Product Name

TOLUENE (TOLUOL), 153-7851

Manufacturer

SHERWIN WILLIAMS

Product Identification

Product ID:TOLUENE (TOLUOL), 153-7851

MSDS Date:01/01/1991

FSC:6810

NIIN:00N045063

MSDS Number: BSDMF

Responsible Party

SHERWIN WILLIAMS

101 PROSPECT AVE NW

CLEVELAND , OH 44115

US

Emergency Phone: 216-566-2917

Info Phone: 216-566-2902

Cage: 54626

Contractor

SHERWIN-WILLIAMS CO THE

CLEVELAND, OH 44115-1042

US

800-251-2486/216-566-2242

Cage: 54636

Ingredients

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 100%

OSHA PEL100 PPM; 150 STEL

ACGIH TLV: 50 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

VOLATILE ORGANIC COMPOUNDS 7.18 LB, 860 GM

RTECS: 9999999VO

OSHA PELN/K

ACGIH TLV: N/K

NO

RTECS: 9999999ZZ

PRLNGD OVEREXPOS TO SOLV INGREDIENTS IN ING SECTION MAY

RTECS: 9999999ZZ

CARDIO-VASCULAR SYS. RPTS HAVE ASSOC RPTD & PRLNGD

RTECS: 9999999ZZ

FLAMES, PILOT LIGHTS, & HEATERS-TURN OFF

RTECS: 9999999ZZ

OF IGNIT. CONSULT NFPA CODE. USE APPROVED BONDING &

RTECS: 9999999ZZ

ONLY TO APPROVED CONTAINERS W/COMPLETE AND APPROP LABELING.

RTECS: 9999999ZZ

LIMITS. REFER TO OSHA STANDARDS 1910.94, 1910.107,

RTECS: 9999999ZZ

Hazards

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:TOLUENE APPEARS ON NAVY LISTING OF OCCUPATIONAL CHEM REPRODUCTIVE HAZ. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ LIST INFO & SAFE HANDLG & EXPOS INFO . EXPOS MAY BE BY INHAL &/OR SKIN OR EYE CONTACT, DEPENDING ON CONDITIONS OF USE TO MINIMIZE EXPOS, FOLLOW RECOMMENDATIONS (EFFECTS OF OVEREXPOS)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HEALTH HAZ:FOR PROPER USE, VENT, & PERSONAL PROTECT EQUIP. ACUTE:IRRITATION OF EYES, SKIN & RESPIRATORY SYS. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOS MAY RESULT IN UNCONSCIOUSNESS, & POSSIBLE DEATH. HEADACHE, DIZZINESS, NAUSEA, & LOSS OF COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOS TO VAPORS/SPRAY MISTS. REDNESS & ITCHING/BURNING SENSATION MAY (INGESTION)

Medical Condition Aggravated by Exposure:NONE GENERALLY RECOGNIZED.

First Aid

First Aid:INHALATION:REMOVE FROM EXPOS. RESTORE BREATHING. KEEP WARM & QUIET. SKIN:WASH AFFECTED AREA THOROUGHLY W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRY BEFORE RE-USE. EYES:FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INGESTION:NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE SEVERAL GLASSES OF WATER. SEEK MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:TCC

Flash Point:40.0F,4.4C

Lower Limits:1.0

Upper Limits:7.0
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM
Fire Fighting Procedures:FULL PROT EQUIP INCL SCBA SHOULD BE USED.
WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZ ARE
PREF. WATER MAY BE USED TO COOL CLSD CNTNRS (SUPP DATA)
Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM
HEAT, ELEC EQUIP, SPARKS, & OPEN FLAME. CLSD CNTNRS MAY EXPLODE
WHEN EXPOSED TO EXTREME HEAT, APPLIC TO HOT (SUPP DATA)

Accidental Release

Spill Release Procedures:REMOVE OF SOURCES OF IGNITION. VENTILATE AND
REMOVE WITH INERT ABSORBENT.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:CONTENTS ARE FLAMM. KEEP AWAY FROM
HEAT, SPARKS, & OPEN FLAME. DURING USE & UNTIL ALL VAPS ARE
GONE:KEEP AREA VENT-DO NOT SMOKE-EXTING ALL (ING 6)
Other Precautions:INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND
INHALING THE CONTENTS CAN BE HARMFUL OR FATAL. USE ONLY WITH
ADEQUATE VENT. AVOID BREATHING VAPOR AND SPRAY MIST. AVOID CONTACT
WITH SKIN AND EYES.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN .
Ventilation:LOCAL EXHAUST PREF. GEN EXHAUST ACCEPTABLE IF EXPOS TO
MATLS IN ING SECTION IS MAINTAINED BELOW APPLIC EXPOS (ING 9)
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH HANDS AFTER USING.
Supplemental Safety and Health
FIRE FIGHT PROC:TO PRVNT PRESS BUILD-UP & POSS AUTOIGNIT/EXPLO WHEN
EXPOSED TO EXTREME HEAT. EXPLO HAZ:SURF REQ SPECIAL PREC. DURING
EMERGENCY CNDTNS OVEREXPOS TO DECOMP PRODS MAY CAUSE HLTH HAZ. SYMP
S MAY NOT BE IMMED APPARENT. OBTAIN MEDATTN.

Chemical Properties

HCC:F3
Boiling Pt:B.P. Text:222F,106C
Vapor Density:HVR/AIR
Spec Gravity:0.86
Evaporation Rate & Reference:SLOWER THAN ETHER
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.
Percent Volatiles by Volume:100%

Stability

Stability Indicator/Materials to Avoid:YES
NONE KNOWN
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:BY FIRE:CARBON DIOXIDE, CARBON
MONOXIDE.

Disposal

Waste Disposal Methods:WASTE FROM THIS PROD MAY BE HAZ AS DEFINED UNDER
RESOURCE CONSERVATION & APPLIC EPA HAZ WASTE NUMBERS. INCIN IN
APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINER. DISPOSE OF
IN ACCORDANCE WITH FED ERAL, STATE, AND LOCAL REGS REGARDING
POLLUTION.

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.