

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-255/25550-14-5.htm> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

25550-14-5

**Code:**

M

**RTECS:****Code:**

X

**Name:**

ETHYL TOLUENE

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

WEAR APPROVED RESPIRATORY PROTECTION WHEN WORKING WITH THIS MATERIAL UNLESS VENTILATION IS ADEQUATE TO KEEP AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE STANDARDS.

**Ventilation:**

USE ADEQUATE VENTILATION TO KEEP THE AIRBORNE CONCENTRATIONS OF THIS MATERIAL BELOW THE RECOMMENDED EXPOSURE STANDARD.

**Protective Gloves:**

WEAR GLOVES.

**Eye Protection:**

NO SPECIAL PROTECTION USUALLY NECESSARY. 10

**Other Protective Equipment:**

Equipment AVOID CONTACT W/SKIN OR CLOTHING. SKIN CONTACT SHOULD BE MINIMIZED BY WEARING PROTECTIVE CLOTHING.

**Work Hygienic Practices:**

WASH HANDS AFTER HANDLING BEFORE EAT/SMOKE/DRINK.

**Supplemental Safety and Health:**

PRODUCT NO:CC41020000; CC42000500; CC42000600. POUR PT:-70F MAX.

## Health Hazards Data

**LD50/LC50 Mixture:**

LD50 (ORAL,RATS) >6.0G/KG.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

8 MAY CAUSE SKIN IRRIT.HARMFUL OR FATAL IF SWALLOWED;CAN ENTER LUNGS & CAUSE DAMAGE.NOT EXPECTED TO CAUSE PROLONG/SIGNIF EYE IRRIT.SLIGHTLY TOXIC TO INTERNAL ORGANS IF ABSORBED THRU SKIN & IF INHAL.PRACTICALLY NON-TOXIC TO INTERNAL ORGANS IF INGEST.ASPIRATION MAY OCCUR CAUSING SEVERE INJURY TO LUNGS & DEATH.

**Explanation Of Carcinogenicity:**

PER MSDS MATERIAL CONTAINS <0.1% BENZENE & <1.0% TOLUENE; MATERIAL DOES NOT CONTAIN CARCINOGEN COMPONENTS.

**Signs And Symptoms Of Overexposure:**

SKIN: MAY INCLUDE PAIN OR A FEELING OF HEAT, DISCOLORATION, SWELLING, AND BLISTERING.

**Medical Cond Aggravated By Exposure:**

NONE SPECIFIED BY MANUFACTURER.

**First Aid:**

EYE: NO 1ST AID REQUIRED; HOWEVER PRECAUTION FLUSH W/FRESH WATER FOR 15MINS.REMOVE CONTACT LENSES IF WORN.SKIN: REMOVE CONTAMIN CLOTH.WASH W/SOAP & WATER.SEE DR IF SINGS/SYMP OCCUR.INGEST:GIVE WATER OR MILK TO DRINK.CALL FOR MED ADVICE OR TAKE PERSON & MATL CONTAINER TO MED EMERG TREATMENT CTR/HOSPITAL.INHAL:MOVE TO FRESH AIR.SEE DR IF EFFECTS/SYMP OCCUR.NOTE:ASPIRATION CAN CAUSE PNEUMONITIS.

**Spill Release Procedures:**

CONSULT REGS TO DETERMINE USAGE.REMOVE OPEN FLAMES.S LEAK/RELEASE.CLEANUP ASAP OBSERVING SAFETY PRECAUT/PROTECT EQMPT.CONTAIN LIQ FROM ENTERING WATERWAYS/SOIL/GROUNDWATER.USE SORBENT MATRLS OR PUMP S.FOLLOW PROCEDURES FOR REPORT/RESPOND RELEASES.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

PLACE CONTAMINATED MATRLS IN DISPOSABLE CONTAINERS & DISPOSE OF IN A MANNER CONSISTENT W/APPLICABLE REGS. CONTACT LOCAL ENVIRONMENTAL OR HEALTH AUTHORITIES FOR APPROVED DISPOSAL OF THIS MATRL. TOXICITY OF MATRL TO AQUATIC ORGANISMS NOT EVALUATED.

**Handling And Storage Precautions:**

READ & OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.DON'T USE OR STORE NEAR FLAME/SPARKS/HOT SURFACES.USE ONLY IN WELL VENTILATED AREA.KEEP CONTAINER CLOS

**Other Precautions:**

9 DON'T WELD/HEAT/DRILL CONTAINER.REPLACE CAP OR BUNG.EMPTIED CONTAINER STILL CONTAINS HAZ OR EXPLOSIVE VAPOR OR LIQUID. CAUTION! DON'T USE PRESSURE TO EMPTY DRUM OR EXPLOSION MAY RESULT.READ THE ENTIRE MSDS.

## Fire and Explosion Hazard Information

**Flash Point Method:**

PMCC

**Flash Point:**

N/K

**Flash Point Text:**

125F, 52C

**Autoignition Temp:**

N/K

**Autoignition Temp Text:**

N/K

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

CARBON DIOXIDE, DRY CHEMICAL, FOAM AND WATER FOG.

**Fire Fighting Procedures:**

FOR FIRES INVOLVING THIS MATRL DON'T ENTER ANY ENCLOSED OR CONFINED FIRE SPACE W/O PROPER PROTECTIVE EQUIPMENT(SCBA) TO PROTECT FROM COMBUST PRODUCTS OR OXY DEFICIE

**Unusual Fire/Explosion Hazard:**

LIQ EVAPORATES,FORMS VAPOR/FUME WHICH CATCHES FIRE; BURNS W/EXPLOSIVE VIOLENCE.INVISIBLE VAPOR SPREADS EASILY,SET ON FIRE W/IGNI SOURCES.FIRE HAZ @ LIQ TEMP >85F

## Physical/Chemical Properties

**Hazard:**

F4

**NRC/State Lic No:**

N/R

**Net Prop WT For Ammo:**

N/K

**Boiling Point:**

N/K

**B.P./F.P. Text:**

285F, 138C

**Melt/Freeze Pt:**

N/K

**M.P./F.P. Text:**

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**Vapor Pres:**

0.2-0.4

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/K

**Spec Gravity:**

0.92 @ 15.6C

**VOC Pounds/Gallon:**

N/K

**pH:**

N/K

**VOC Grams/Liter:**

N/K

**Viscosity:**

<1 CST @ 100F

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

INSOLUBLE

**Appearance and Odor:**

COLORLESS LIQUID WITH AROMATIC ODOR.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Other Precautions:**

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## Reactivity Data

**Stability Indicator:**

11 YES

**Stability Conditions, Especially Temp >85F:**

MAY REACT W/STRONG OXIDIZING AGENTS, SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.

NORMAL COMBUSTION FORMS CARBON DIOXIDE AND WATER VAPOR; INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

**Hazardous Decomposition Products:**

NO

**Conditions To Avoid Polymerization:**

NOT RELEVANT.

**Toxicological Information****Information:**

N/P

## MSDS Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

**Other Information:**

N/P

**Other Information:**

N/P

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