

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-570/57018-52-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
57018-52-7

**Code:**  
M

**RTECS:**  
UB3772000

**Code:**  
M

**Name:**  
PROPANOL, (1,1-DIMETHYLETHOXY)-; (1-T-BUTOXY-2-PR

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K (FP N)

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K (FP N)

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NIOSH/MSHA CERTIFIED RESP. FOR SPEC CNDTNS REFER TO NIOSH GUIDE TO CHEM HAZS, DHEW NO 78-210. USE NIOSH/MSHA APPRVD AIR-LINE RESP IN CONFINED/RESTRICTED VENT AREAS, OR W/POLYURETHANE/ISOCYANATES. REFE R TO 29 CFR, OSHA PARTS 1910,(SUPP DATA)

**Ventilation:**  
SUFFICIENT VENT, IN VOL & PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAM CONC BELOW TLV LIM. REMOVE WELD/FLAME (SUPDAT)

**Protective Gloves:**  
NEOPRENE/OTHER SUITABLE MATLS.

**Eye Protection:**  
SPLASH-PROOF GOGG/FACESHIELD. 6

**Other Protective Equipment:**  
Equipment FULL PROTECTIVE CLOTHING. SPARK-PROOF EQUIPMENT.

**Work Hygienic Practices:**  
WASH THORO BEFORE EATING, SMOKING OR USING WASHROOM. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**  
RESP PROT: 1915, AND 1916 FOR COATING OPERATIONS. VENT: CUTTING DECOMP PROD. REFER TO 29 CFR, OSHA PARTS, 1910, 1915, AND 1916 FOR COATING OPERATIONS.

## Health Hazards Data

**LD50LC50Mixture:**  
SEE INGREDIENTS

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO 4

**Health Hazards Acute And Chronic:**  
ACUTE: VAP, SPRAY, MIST &/OR DUST CAN BE HARMFUL. IRRITATING TO SKIN, MUC MEMB, EYES & RESP SYS. EXCESSIVE INHAL CAN CAUSE HDCH, NAUS, DIZZ/ASPHY. RPTD & PRLNGD OCCUP OVEREXP TO SOLV IS ASSOC W/PERM B RAIN & NERV SYS DAM. CAN BE HARMFUL/FATAL IF SWALLOWED. OVEREXP CAN DAM BLOOD. CHRONIC: OVEREXP/INGEST (EFTS OF OVEREXP)

**Explanation Of Carcinogenicity:**  
NOT RELEVANT

**Signs And Symptoms Of Overexposure:**  
HLTH HAZ: CAN CAUSE LUNG, KIDNEY &/OR LIVER DAM. OVEREXP CAN CAUSE SEV EYE AND SKIN BURNS &/OR INJURY. SKIN AND RESPIRATORY SENSITIZATION AND ALLERGIC REACTION CAN OCCUR.

**Medical Cond Aggravated By Exposure:**  
RESPIRATORY. ALLERGIES.

**First Aid:**  
INHAL: PROVIDE FRESH AIR; IF BRTHG LABORED, GIVE OXYGEN/ARTF RESP. SKIN: WASH THORO W/SOAP & WATER. EYES: FLUSH IMMED W/PLENTY OF WATER FOR @ LST 15 MIN & GET MED ATTN. INGEST: DRINK 1-2 GLASSES OF WA TER TO DILUTE. DO NOT INDUCE VOMIT. CONSULT PHYS/POIS CTL CTR IMMED. TREAT SYMPTOMATICALLY.

**Spill Release Procedures:**  
AVOID BREATHING OF VAPORS/DUST. USE ABSORBENT CLEANUP MATERIALS OR SWEEP UP. PLACE IN SEPARATE CONTAINER. KEEP OUT OF PUBLIC SEWERS & WATERWAYS. IF ENTRY IS THREATENED/OCCURS, NOTIFY LOC AUTH. ELIMINA TE ALL SOURCES OF IGNITION.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
IN SEPARATE, CLOSED METAL CONTAINER I/A/W ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. EPA WASTE #: D001.

**Handling And Storage Precautions:**  
KEEP CONTR CLSD, UPRIGHT WHEN NOT IN USE. STORE IN COOL, DRY, WELL-VENTILATED AREA. AVOID STORAGE TEMPERATURES ABOVE 100F. DO NOT TAKE INTERNALLY.

**Other Precautions:**  
5 AVOID PROLONGED BREATHING OF DUST, VAPS/SPRAY MIST/CONT W/SKIN/EYES. DO NOT WELD/FLAME CUT AN EMPTY CONTR. GROUND CONTRS WHEN POURING. DESTROY CONTAMD LEATHER AND ABSORBENT SHOES WHICH CANNOT BE DECON TAMINATED.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
SCC

**Flash Point:**

**Flash Point Text:**  
100F,38C (ING 5)

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1%

**Upper Limits:**  
8%

**Extinguishing Media:**  
FOAM, CARBON DIOXIDE, DRY CHEMICAL.

**Fire Fighting Procedures:**  
WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

**Unusual Fire/Explosion Hazard:**  
CLSD CONTRS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. ISOLATE FROM HEAT, ELEC EQUIP, SPARKS & OPEN FLAME. KEEP UPWIND.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>304F,>151C

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
SEE INGRED

**Vapor Density:**  
HVR/AIR

**Volatile Org Content %:**

**Spec Gravity:**  
1.2 (FP N)

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
0.03(BUTYL ACETATE=1)

**Solubility in Water:**  
NOT APPLICABLE

**Appearance and Odor:**  
LIQUID, SOLVENT ODOR

**Percent Volatiles by Volume:**  
38

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES 7

**Stability Condition To Avoid:**  
HEAT, OPEN FLAME, ARC/SPARKS.

**Materials To Avoid:**  
STRONG OXIDIZERS, ACIDS, ALKALIES.

**Hazardous Decomposition Products:**  
CO AND CO\*2. NO\*X. ALDEHYDES.

**Hazardous Polymerization Indicator:**  
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

**Other Information:**N/P



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