

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-702/70293-55-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
70293-55-9  
**Code:**  
M

**RTECS:**  
NP6600000  
**Code:**  
M

**Name:**  
4-METHACRYLOXYETHYL TRIMELLITATE ANHYDRIDE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**  
**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC GASES IF NEEDED

**Ventilation:**  
PROVIDE LOCAL EXHAUST VENTILATION TO KEEP

**Protective Gloves:**  
RUBBER, PVC

**Eye Protection:**  
SAFETY GLASSES, FULL FACE SHIELD

**Other Protective Equipment:**  
Equipment SAFETY SHOWER, EYEWASH STATION

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION: DIZZINESS, NAUSEA. SKIN: IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
INHALATION: DIZZINESS, NAUSEA. SKIN: IRRITATION.

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
N/K

**Spill Release Procedures:**  
ABSORB SMALL QUANTITIES ON PAPER TOWEL, EVAPORATE IN SAFE PLACE SUCH AS FUME HOOD. ALLOW SUFFICIENT TIME FOR EVAPORATING VAPORS TO COMPLETELY CLEAR THE HOOD.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
BURN THE PAPER IN A SUITABLE LOCATION AWAY FROM COMBUSTIBLE MATERIAL.

**Handling And Storage Precautions:**  
2 DON'T STORE UNDER PURE NITROGEN OR OXYGEN FIRE GAS.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
10C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.7%

**Upper Limits:**  
8.2%

**Extinguishing Media:**  
FOAM, DRY CHEMICAL, CO2

**Fire Fighting Procedures:**  
SELF-CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**  
WHEN EXPOSED TO FLAME, EMITS TOXIC FUMES & GASES.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
101C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
0.9444

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
NIL

**Appearance and Odor:**  
COLORLESS TRANSPARENT LIQUID ODOR.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
LIGHT & HEAT

**Materials To Avoid:**  
CATALYST, NITRIC ACID & STRONG OXIDIZERS.

**Hazardous Decomposition Products:**  
TOXIC FUMES & GASES

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## 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