

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-137/13760-80-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
13760-80-0  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
YTTERBIUM FLUORIDE

**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:**  
VENTILATION

**Ventilation:**  
N/K

**Protective Gloves:**  
N/K

**Eye Protection:**  
3 RECOMMENDED

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
N/K

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

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SKIN: UNPOLYMERIZED MATERIAL MAY CAUSE ALLERGY.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
SKIN: UNPOLYMERIZED MATERIAL MAY CAUSE ALLERGY.

**Medical Cond Aggravated By Exposure:**  
SKIN ALLERGY 2

**First Aid:**  
INGESTION: DRINK PLENTY OF WATER. SEEK MEDICAL CARE. EYES: FLUSH W/PLENTY OF WATER. IF IRRITATION DOESN'T S, SEEK MEDICAL CARE. SKIN: WASH W/SOAP & WATER.

**Spill Release Procedures:**  
COLLECT IN CONTAINER FOR DISPOSAL, CLEAN AREA W/WATER & SOAP.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
BURNING IN ACCORDING WITH LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN A COOL PLACE, NOT EXCEEDING 23C & NO EXPOSURE TO SUNLIGHT. KEEP CONTAINERS CLOSED TO AVOID CONTAMINATION.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
>140C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

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

**Fire Fighting Procedures:**  
NONE

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
2.0

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
0.2%

**Appearance and Odor:**  
TOOTH SHADED PASTE; ODORLESS.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

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

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
N/K

**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