

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-97/97-88-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
97-88-1  
**Code:**  
M

**RTECS:**  
OZ3675000  
**Code:**  
M

**Name:**  
N-BUTYLMETHACRYLATE,CAS#97-88-1

**Other REC Limits:**  
N/P

**OSHA PEL:**  
N/P  
**Code:**

**OSHA STEL:**

**Code:**

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

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Che  
**Code:**  
2 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
NONE UNDER NORMAL USE-NIOSH APPVD RESP.IF TLV IS EXCEEDED.

**Ventilation:**  
NO SPECIAL REQUIREMENTS W ADEQUATE VENT.

**Protective Gloves:**  
AS REQUIRED

**Eye Protection:**  
AS REQUIRED

**Other Protective Equipment:**  
Equipment NONE

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
MSDS UNDATED

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
USUAL DISCOMFORT OF INHAL.IN HEAVY DUST CONDITIONS.NOT A POISON. 3

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

**First Aid:**  
SKIN:WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER. INHALED: REMOVE TO FRESH AIR. REMOVE CONTAMINATED CLOTHING. ING:SEEK MEDICAL ATTENTION.

**Spill Release Procedures:**  
VACUUM OR SWEEP UP WITH SWEEPING COMPOUND.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
--DO NOT INCINERATE--DISPOSE OF IAW FEDERAL,STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
NONE

**Other Precautions:**  
N/P

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/R

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

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

**Fire Fighting Procedures:**  
4 NONE

**Unusual Fire/Explosion Hazard:**  
DRY INK IS COMBUSTIBLE.EXPLOSIVE LIMITS OF DRY INK PARTICLES SUSPENDED IN AIR APPROX.EQ.TO COAL DUST

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R 5

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
1.1

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/R

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

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
BLACK POWDER,FAINT ODOR

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

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE

**Materials To Avoid:**  
NONE

**Hazardous Decomposition Products:**  
NONE

**Hazardous Polymerization Indicator:**  
NO

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

## 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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WARRANTY

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