

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-187/18786-24-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
18786-24-8  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
SERPENTINE(ALKALOID) (8CI) \*93-1\*

**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:**  
A NIOSH ORGANIC FUME RESPIRATOR

**Ventilation:**  
LOCAL EXHAUST ONLY IF HEATED. MECHANICAL (GENERAL). VENT CURING OVENS OUTDOORS. 4

**Protective Gloves:**  
IMPERVIOUS

**Eye Protection:**  
GOGGLES

**Other Protective Equipment:**  
Equipment EYEBATH

**Work Hygienic Practices:**  
REMOVE &WASH CONTAMINATED CLOTHES BEFORE REUSE. WASH HANDS THOROUGHLY AFTER HANDLING.

**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:**  
YES

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SKIN/EYES: IRRITATION/SENSITIZATION.

**Explanation Of Carcinogenicity:**  
SEE INGREDIENTS

**Signs And Symptions Of Overexposure:**  
3 N/K

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

**First Aid:**  
SKIN: WASH W/SOAP & WATER. EYE: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
ABSORB IN INERT MATERIAL (SAND, VERMICULITE, CLOTH, ETC.)

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
AFTER CURING TO A SOLID, THE MATERIAL IS NOT HAZARDOUS.

**Handling And Storage Precautions:**  
STORE <40F. OR COLDER. KEEP CONTAINERS SEALED. THIS PRODUCT CONTAINS MINERAL FILLERS WHICH ARE CLASSIFIED AS HAZARDOUS IN THEIR AIRBORNE FORM.

**Other Precautions:**  
AVOID CONTACT W/SKIN, EYES & CLOTHES. MACHINING, CUTTING OR SANDING WILL RELEASE PARTICLES INTO THE AIR.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
COC

**Flash Point:**

**Flash Point Text:**  
300F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER SPRAY, DRY CHEMICAL, FOAM OR CO2. TREAT AS CLASS B FIRE.

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

**Unusual Fire/Explosion Hazard:**  
KEEP NON-IGNITED MATERIAL COOL W/WATER SPRAY.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
260F

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
>1

**Volatile Org Content %:**

**Spec Gravity:**  
1.8

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
N/K

**Appearance and Odor:**  
OFF-WHITE VISCOUS LIQUID

**Percent Volatiles by Volume:**  
<1

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
NO

**Stability Condition To Avoid:**  
TEMPS ABOVE -40F

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
NITROGEN OXIDES &NITROGEN CONTAINING &PHENOLIC COMPOUNDS.

**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