## MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Composition/Information on Ingredient

8009-03-8 Code: Т

RTECS: SE6780000

Code: Т

Name:

Other REC Limits:

NK (FP N)

**OSHA PEL:** NK (FP N)

**OSHA STEL:** NK (FP N)

**ACGIH TLV:** NK (FP N)

**ACGIHSTEL:** NK (FP N)

**Control Measures** 

Other Protective Equipment:

**Work Hygienic Practices:** 

LD50LC50Mixture:

Skin: YES

YES

**IARC:** NO

OSHA: NO

**Ingestion:** 

NONE SPECIFIED BY MANUFACTURER.

**Supplemental Safety and Health:** 

**Health Hazards Data** 

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:** 

**Carcinogenicity Inds - NTP:** 

**Health Hazards Acute And Chronic:** 

**Explanation Of Carcinogenicity:** 

Spill Release Procedures:

**Waste Disposal Methods:** 

**Handling And Storage Precautions:** 

**Neutralizing Agent:** 

**Other Precautions:** 

**Flash Point Method:** 

**Signs And Symptions Of Overexposure:** 

**Medical Cond Aggravated By Exposure:** 

MINUTES. PROMPTLY GET MEDICAL ATTENTION.

**NOT RELEVANT** 

N/P

N/P

N/P

TOC

N/P

HCC:

NRC/State LIC No:

**Boiling Point:** 

Melt/Freeze Pt:

M.P/F.P Text:

**Decomp Temp:** 

**Decomp Text:** 

**Vapor Pres:** <0.10 PSI

**Vapor Density:** 

**Spec Gravity:** 

**PH:** 5.0-5.5

Viscosity:

N/P

N/P

N/P

N/P

YES

NO

**Volatile Org Content %:** 

1.11 @ 70F (H\*2O=1)

**VOC Pounds/Gallon:** 

**VOC Grams/Liter:** 

Solubility in Water:

**Corrosion Rate:** 

**Stability Indicator:** 

**Materials To Avoid:** 

Information:N/P

Information:N/P

**Appearance and Odor:** 

**Percent Volatiles by Volume:** 

Reactivity Data

**Stability Condition To Avoid:** 

INCOMPATIBLE WITH CYANIDES.

**Hazardous Decomposition Products:** 

**Hazardous Polymerization Indicator:** 

**Conditions To Avoid Polymerization:** 

**Toxicological Information** 

Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

State Regulatory Information: N/P

Other Information

www.lookchem.com

Other Information:N/P

**MSDS Transport Information** 

**Evaporation Rate & Reference:** 

TAN/GOLD COLOR PASTE, NO APPRECIABLE ODOR.

STABLE IN CLOSED CONTAINERS AT ROOM TERMPERATURE UNDER NORMAL STORAGE AND HANDLING CONDITIONS.

THIS MATERIAL CAN BE CONSIDERED A WEAK ACID. IT CAN BE MILDLY CORROSIVE TO SOME METALS, ESPECIALLY WHEN HOT.

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

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

WARRANTY

terms and conditions of sale.

MAY RELEASE HCL GAS WHEN MIXED WITH ZINC CHLORIDE. IF COMBINED WITH SULFIDES, THE LIQUID FLUX MAY RELEASE H\*2S GAS.

**B.P. Text:** 

N/P

N/P

N/P 4

1.106

**Net Prop WT For Ammo:** 

Flash Point: =254.4C, 490.F

**Flash Point Text:** 

**Autoignition Temp:** 

**Lower Limits:** 

**Upper Limits:** 

**Extinguishing Media:** 

Fire Fighting Procedures:

**Unusual Fire/Explosion Hazard:** 

USE MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

Physical/Chemical Properties

WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

MAY ALSO RELEASE HYDROGEN CHLORIDE GAS AND WATER VAPOR.

**Autoignition Temp Text:** 

DERMATITIS & CONJUNCTIVITIS. MAY CAUSE RASHE

Code:

Code:

Code:

Code:

PETROLATUM (MANUFACTURER'S CAS 8006-03-8) Enviro

Cas:

Click <a href="http://www.lookchem.com/cas-800/8009-03-8.html">http://www.lookchem.com/cas-800/8009-03-8.html</a> for suppliers of this product.

**Respiratory Protection:** USE NIOSH APPROVED RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN BRAZING IN CONFINED

SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

**Ventilation:** USE ENOUGH VENT TO KEEP FUMES & GASES BELOW TLV'S IN WORKERS' BRTHG ZONE & GEN AREA. TRAIN EMPLOYEE TO KEEP HIS HEAD OUT OF FUMES. (SUP DAT) **Protective Gloves:** IMPERVIOUS GLOVES (FP N).

**Eye Protection:** 

Equipment ANSI APPRVD EMER EYEWASH &DELUGE SHOWER (FP N). WEAR HEAD &BODY PROT WHICH HELP PVNT INJURY FROM SPLASHING, SPKS, &FLAME. SEE ANSI Z49.1. AT A MIN THIS INCLUDES GLOVES &PROT FSHLD (SUPDAT)

VENT: SEE ANSI/ASC Z49.1 SECTION 5. EYE PROT: USE FILTER LENS OF APPROP SHADE NUMBER (SEE ANSI/ASC Z49.1-

SECTION 4.2). PROVIDE PROT SCREENS & FLASH GOGGS, IF NEC, TO SHIELD OTHERS. OTHER PROT EQUIP: & MAY

ONE RECOMMENDED WAY TO DETERMINE COMPOSITION & QUANTITY OF FUMES & GASES TO WHICH WORKERS ARE EXPOSED IS TO TAKE AN AIR SAMPLE IN THE WORKERS' BREATHING ZONE. SEE ANSI/AWS F1.1, AVAILABLE FROM THE AME RICAN WELDING SOCIETY,

RESPIRATORY PASSAGES. PETROLATUM: MAY CAUSE SKIN IRRITATION UPON CO NTINUAL USE. ZINC CHLORIDE: FUME/DUST CAN CAUSE

INGESTION: IF SWALLOWED, GIVE PLENTY OF WATER OR MILK. DO NOT INDUCE VOMITING. CALL MD IMMEDIATELY. SKIN: FLUSH WITH WATER. INHALATION: IRRITATES RESPIRATORY SYSTEM. MOVE TO FRESH AIR. EYES: IRRITANT. FLUSH WITH WATER FOR AT LEAST 15

READ & UNDERSTAND MFR'S INSTRUCTIONS & PREC LABEL. SEE AMERICAN NATL STD Z49.1, SFTY IN WELDING, CUTTING & ALLIED PROCESSES, PUBLISHED BY AMERICAN WELDING SOCIETY, 550 N.W. LEJEUNE RD, MIAMI, FL 331 26 & OSHA PUB 2206 (29CFR1910), U.S.

NON-FLAMMABLE MATERIAL. WHEN HEATED THE MATERIALS MAY RELEASE ZINC CHLORIDE AND ZINC OXIDE FUMES. THE LIQUID FLUX

550 N.W. LEJEUNERD, MIAMI, FL 33126. AMMONIUM CHLORIDE: PROLONGED BREATHING OF FUMES MAY CAUSE IRRITATION OF

HEALTH HAZARDS: BY FEVER, BODY ACHE AND CHILLS. ZINC FUME MAY ALSO BE AN IRRITANT TO SKIN AND EYES.

CONTAIN SPILL, ABSORB, SWEEP-UP, DISPOSE, FLUSH AREA WITH WATER TO CHEMICAL SEWER.

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

GOVT PRINTING OFFICE, WASHINGTON, D.C. 20402 FOR MORE DETAILS.

Fire and Explosion Hazard Information

INCL ARM PROTECTORS, APRONS, HATS, SHOULDER PROT, AS WELL AS DARK SUBSTANTIAL CLOTHING.

ANSI APPRVD CHEM WORKERS GOGG &FULL LENGTH FSHLD (FP N). (SUP DAT)