

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-103/10381-36-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

10381-36-9

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

NICKEL PHOSPHATE (0.6% NICKEL)

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

0.2 MG/CUM

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA IF EXPOSURE CANNOT BE CONTROLLED BELOW TLV. WHEN SANDING/WIREBRUSHING/ABRADING/BURNING/WELDING THE DRIED FILM, USE A NIOSH/MSHA PARTICULATE RESPIRATOR.

**Ventilation:**

LOCAL EXHAUST: PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO MATERIALS IS MAINTAINED BELOW TLV.

**Protective Gloves:**

REQUIRED

**Eye Protection:**

SAFETY GLASSES W/UNPERFORATED SIDESHIELD

**Other Protective Equipment:**

Equipment N/K

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS AFTER USING.

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50 Mixture:**

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:**

IRRITATION OF EYES, SKIN & RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS & POSSIBLY DEATH. PROLONGED OVEREXPOSURE TO SOLVENT INGREDIENTS MAY CAUSE ADVERSE EFFECTS TO THE LIVER, URINARY & BLOOD FORMING SYSTEMS; PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. 2

**Explanation Of Carcinogenicity:**

SOME SOLUBLE NICKEL COMPOUNDS ARE SUSPECTED CARCINOGENS.

**Signs And Symptoms Of Overexposure:**

N/K

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

REMOVE ALL SOURCES OF IGNITION. VENTILATE & REMOVE W/INSERT ABSORBENT.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

INCINERATE IN APPROVED FACILITY. DON'T INCINERATE CLOSED CONTAINER. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**

KEEP CONTAINER CLOSED WHEN NOT IN USE. TRANSFER ONLY TO APPROVED CONTAINERS W/COMPLETE & APPROPRIATE LABELING. USE ONLY W/ADEQUATE VENTILATION.

**Other Precautions:**

DON'T TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING VAPOR & SPRAY MIST & CONTACT W/SKIN & EYES.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

>199F

**Autoignition Temp:**

**Autoignition Temp Text:**

N/A

**Lower Limits:**

0.7%

**Upper Limits:**

12.7%

**Extinguishing Media:**

CO<sub>2</sub>, DRY CHEMICAL, FOAM

**Fire Fighting Procedures:**

USE FULL PROTECTIVE EQUIP & SCBA. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

**Unusual Fire/Explosion Hazard:**

CLOSED CONTAINERS MAY EXPLODE (DUE TO THE BUILD-UP OF PRESSURE) WHEN EXPOSED TO EXTREME HEAT.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

212-340F

**Melt/Freeze Pt:**

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

N/P

**Decomp Temp:**

**Decom Text:**

N/K

**N.V.Pres:**

N/K

**Vapor Density:**

>1

**Volatile Org Content %:**

**Spec Gravity:**

1.1-1.2

**VOC Pounds/Gallon:**

**pH:**

N/K

**VOC Grams/Liter:**

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

SLOWER THAN ETHER

**Solubility in Water:**

APPRECIABLE

**Appearance and Odor:**

N/K

**86-97**

**Corrosion Rate:**

N/K

**Other Volatiles by Volume:**

**86-97**

**90**

**94**

**98**

**100**

**100**

**100**

**100**

**100**

**100**

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