

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-512/51274-00-1.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

51274-00-1

### Code:

T

### RTECS:

### Code:

X

### Name:

IRON OXIDE YELLOW % low Wt: 1. Code: M % high Wt

### Other REC Limits:

NONE RECOMMENDED

### OSHA PEL:

NOT ESTABLISHED

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

NOT ESTABLISHED

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N). USE A PROPERLY FITTED NIOSH APPROVED MECHANICAL RESPIRATOR OR MASK TO AVOID BREATHING DUST. CAREFULLY FOLLOW RESPIRATOR MANUFACTURER'S INSTRUCTIONS FOR USE.

### Ventilation:

PROVIDE SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP AIR CONTAMINATION CONCENTRATION BELOW APPLICABLE OSHA PELS OR ACGIH'S TLV TWA LIMIT.

### Protective Gloves:

IMPERVIOUS GLOVES (FP N). RECOMMENDED TO AVOID SKIN CONTACT.

### Eye Protection:

ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N). GOGGLES OR SAFETY (SUP DAT)

### Other Protective Equipment:

Equipment ANSI APPROVED EMERGENCY EYEWASH AND DELUGE SHOWER (FP N). PROTECTIVE OVERALLS RECOMMENDED.

### Work Hygienic Practices:

REMOVE AND WASH SOILED CLOTHING.

### Supplemental Safety and Health:

EYE PROTECTION: GLASSES WITH SIDE SHIELDS RECOMMENDED. 4

## Health Hazards Data

### LD50/LC50 Mixture:

N/P

### Route Of Entry Inds - Inhalation:

YES

### Skin:

YES

### Ingestion:

YES

### Carcinogenicity Inds - NTP:

N/P

### IARC:

N/P

### OSHA:

N/P

### Health Hazards Acute And Chronic:

ACUTE & CHRONIC HEALTH EFFECT STATEMENTS ADDRESS EXPOSURE TO PURE CHEMICALS ONLY. IN A COATING POWDER, COMPONENTS ARE MIXED WITHIN COATING & DIRECT EXPOSURE TO THEM IS NOT LIKELY. ACUTE: (1,3,5-TRIGLYCIDYL ISOCYANURATE) INGEST: MODERATELY TOXIC. SYMPTOMS ARE NOT FULLY KNOWN, MAY INCLUDE LOSS OF APPETITE & NOSE BLEED. INHAL: IRRIT TO UPPER RESP TRACT. MAY CAUSE NOSEBLEEDS. EYE: IRRIT. SKIN: IRRIT. CAN BE ABSORBED THRU SKIN IN HARMFUL AMTS. EFFECTS SIMILAR TO INGEST. (TITANIUM DIOXIDE) INGEST

### Explanation Of Carcinogenicity:

N/P

### Signs And Symptoms Of Overexposure:

HEALTH HAZ: (SILICA, AMORPHOUS) CONTACT W/DUST MAY INCLUDE EYE IRRIT (DISCOMFORT, TEARING OR BLURRING OF VISION) OR SLIGHT SKIN IRRIT (DISCOMFORT OR RASH). OVEREXPOSURE TO DUST BY INHALATION MAY CAUSE TEMPORARY LUNG IRRIT (COUGH, DISCOMFORT OR DIFFICULTY IN BREATHING). CHRONIC: (1,3,5-TRIGLYCIDYL ISOCYANURATE) IRRITATION OF EYES, SKIN & RESP TRACT; LOSS OF APPETITE, MAY CAUSE NOSEBLEEDS; TOXIC BY INGESTION & IF ABSORBED THRU SKIN. PRLG/RPTD CONTACT MAY CAUSE SKIN SENSITIZATION. ANIMAL S

### Medical Cond Aggravated By Exposure:

1,3,5-TRIGLYCIDYL ISOCYANURATE: RESP ILLNESS & DERM MAY BE AGGRAVATED BY EXCESS EXPOS. SILICA, AMORPHOUS: PREEXISTING LUNG DISEASE MAY INCREASE SUSCEPTIBILITY TO EFFECTS OF EXCESS AMORPHOUS SILICA DUST.

### First Aid:

EYE: FLUSH EYES WITH COOL WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING LIDS TO ENSURE THOROUGH RINSING. SEEK MEDICAL ASSISTANCE. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INHALATION: REMOVE FROM AREA TO FRESH AIR. INGESTION: DRINK 1 OR 2 GLASS OF WATER AND INDUCE VOMITING BY PLACING FINGER AT BACK OF THROAT. SEEK MEDICAL ASSISTANCE.

### Spill Release Procedures:

SWEEP UP CAREFULLY OR USE EXPLOSION PROOF VACUUM CLEANER, THEN DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

### Neutralizing Agent:

N/P

### Waste Disposal Methods:

DISPOSE IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS (FP N).

### Handling And Storage Precautions:

KEEP ALL EQUIPMENT CLEAN AND PROPERLY GROUNDED TO AVOID STATIC ELECTRICITY DISCHARGE. KEEP WORK AREAS FREE OF DUST. KEEP CONTAINERS SEALED AND AVOID STATIC ELECTRICITY DISCHARGES. AVOID EXCESSIVE SKIN CONTACT. DO NOT INGEST OR INHALE.

### Other Precautions:

KEEP OUT OF REACH OF CHILDREN.

## Fire and Explosion Hazard Information

### Flash Point Method:

### Flash Point:

N/P

### Flash Point Text:

N/P

### Autoignition Temp:

N/P

### Autoignition Temp Text:

N/P

### Lower Limits:

N/P

### Upper Limits:

N/P

### Extinguishing Media:

FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG, DRY SAND.

### Fire Fighting Procedures:

USE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT (FP N).

### Unusual Fire/Explosion Hazard:

MINIMUM EXPLOSIVE CONCENTRATION (MEC): >/= 26 G/M3.

## Physical/Chemical Properties

### HCC:

### NRC/State Lic No:

### Net Prop WT For Ammo:

N/P

### Boiling Point:

N/P

### B.P. Text:

N/P

### Melt/Freeze Pt:

N/P

### Decomp Temp:

N/P

### Decomp Text:

N/P

### Vapor Pres:

N/P

### Vapor Density:

N/P

### Volatile Org Content %:

N/P

### Spec Gravity:

1.59 (ASTM D565-96, C)

### VOC Pounds/Gallon:

N/P

### PH:

N/P

### VOC Grams/Liter:

N/P

### Viscosity:

N/P

### Evaporation Rate & Reference:

N/P

### Solubility in Water:

N/P

### Appearance and Odor:

N/P

### Percent Volatiles by Volume:

N/P

### Corrosion Rate:

N/P

## Reactivity Data

### Stability Indicator:

YES

### Stability Condition To Avoid:

N/A

### Materials To Avoid:

N/P

### Hazardous Decomposition Products:

FUMES MAY CONTAIN CO, CO<sub>2</sub>, NO<sub>x</sub> OR OTHER NITROGEN COMPOUNDS.

### Hazardous Polymerization Indicator:

NO

### Conditions To Avoid Polymerization:

WILL NOT OCCUR.

## Toxicological 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

## Information:

N/P

## Transport Information

### Information:

N/P

## Regulatory Information

### Information:

N/P

## Other Information

### Information:

N/P

## Information:

N/P

## Information:

N/P

## Information:

N/P

## Information:

N