

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-804/8049-17-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
8049-17-0
Code:
M

RTECS:

Code:
X

Name:
FERR0-SILICON

Other REC Limits:
10MG/M³

OSHA PEL:
NOT LISTED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT LISTED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE AIR-SUPPLIED RESPIRATOR IN CONFINED SPACES.

Ventilation:
LOCAL EXHAUST REQUIRED. MECHANICAL (GENERAL),USE IF AVAILABLE.

Protective Gloves:
WELDER'S GLOVES

Eye Protection:
PROTECTIVE SHIELD AND LENS

Other Protective Equipment:
Equipment SUBSTANTIAL DARK CLOTH,ARM PROTECTOR,HAT,APRON,SHOULDER PROTECTION.

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
N/R

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
YES

Health Hazards Acute And Chronic:
SEE SIGNS & SYMPTOMS OF OVEREXPOSURE.

Explanation Of Carcinogenicity:
7 CHROMIUM VI IS A HUMAN CARCINOGEN. CHROMIUM III IS A SUSPECTED HUMAN CARCINOGEN.

Signs And Symptions Of Overexposure:
FUMES MAY CONTRIBUTE TO TEMPORARY NAUSEA,DIZZINESS,HEADACHES,IF WORKING IN CONFINED AREA WITHOUT VENTILATION.

Medical Cond Aggravated By Exposure:
AGGRAVATION OF PREEXISTING RESPIRATORY OR ALLERGIC CONDITIONS. HIGHER LEVEL OF LUNG RELATED PROBLEMS AMONG SMOKERS.

First Aid:
REMOVE TO WELL VENTILATED AREA. OBTAIN MEDICAL ASSISTANCE IF NECESSARY.

Spill Release Procedures:
CLEAN UP ANY GRINDING DUST OR WASTE RESIDUE AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
REFER TO ANSI Z49.1-1983-"SAFETY IN WELDING AND CUTTING".

Other Precautions:
TRAIN WELDER TO KEEP HIS HEAD OUT OF THE FUMES. MONITOR AIR TO ENSURE ACCEPTABLE EXPOSURES. AVOID ELECTRICAL SHOCK BY MAINTAINING DRY WORK AREA.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R 8

Extinguishing Media:
APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
N/R

Unusual Fire/Explosion Hazard:
WELDING ARCS & SPARKS CAN IGNITE COMBUSTIBLE PRODUCTS.

Physical/Chemical Properties

HCC:
9 N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

M.P/F.P Text:
N/R

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/R

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
N/R

Appearance and Odor:
WELDING RODS 0.188 INCHES DIAMETER

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/R

Materials To Avoid:
N/R

Hazardous Decomposition Products:
FUMES OF METALS METAL OXIDES,CO,CO*2,NO*2,O*3,FLUORIDES.

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