

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7783-48-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7783-48-4

Code:

M

RTECS:

WK8925000

Code:

M

Name:

STRONTIUM FLUORIDE

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

2.5 MG/M3 AS F

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

2.5 MG/M3 AS F

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Che

Code:

6 ACGIH STEL:

Control Measures

Respiratory Protection:

USE RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN WELDING IN A CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW THE RECOMMENDED EXPOSURE LIMIT.

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Ventilation:

USE ENOUGH VENTILATION, LOCAL EXHAUST AT THE ARC, OR BOTH, TO KEEP THE FUMES AND GAS FROM THE WORKER'S BREATHING ZONE.

Protective Gloves:

WELDER'S GLOVES

Eye Protection:

FACE SHIELD WITH FILTER LENS

Other Protective Equipment:

Equipment BODY PROTECTION TO PREVENT INJURY FROM RADIATION.

Work Hygienic Practices:

SEE ANS Z-49.1 PUBLISHED BY AWS.

Supplemental Safety and Health:

NONE

Health Hazards Data

LD50/LC50 Mixture:

UNKNOWN

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

ELECTRIC ARC-WELDING MAY CREATE ONE OR MORE OF THE FOLLOWING HEALTH HAZARDS: FUMES AND GASES CAN BE DANGEROUS TO YOUR HEALTH. ARC RAYS CAN INJURE EYES AND BURN SKIN. ELECTRIC SHOCK CAN KILL.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

SHORT-TERM OVEREXPOSURE TO WELDING FUMES MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA, OR DRYNESS OR IRRITATION OF NOSE, THROAT, OR EYES, TIGHTNESS IN CHEST, FEVER AND ALLERGIC REACTIONS. LONG-TERM OVEREXPOSURE MAY LEAD TO SIDEROSIS AND IS BELIEVED BY SOME INVESTIGATORS TO AFFECT PULMONARY FUNCTION.

Medical Cond Aggravated By Exposure:

PULMONARY DISEASES

First Aid:

IN CASE OF ELECTRICAL SHOCK, TURN OFF POWER PRIOR TO REMOVAL FROM EXPOSURE AREA AND ADMINISTRATION OF FIRST AID. REMOVE FROM EXPOSURE AREA AND CALL FOR MEDICAL AID. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT, IF NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION. IF NO DETECTABLE PULSE, BEGIN EXTERNAL HEART MASSAGE. EMPLOY FIRST AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED CROSS.

Spill Release Procedures:

PICK UP RODS.

Neutralizing Agent:

7 NOT APPLICABLE

Waste Disposal Methods:

PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

NONE SPECIFIED BY MANUFACTURER.

Other Precautions:

USE EXHAUST SYSTEM TO CLEAR WELDING FUMES. SEE AMERICAN STANDARD Z49.1-1933, SAFETY IN WELDING AND CUTTING HANDBOOK, VOL. 1, CHAPTER 9, SAFE PRACTICES IN WELDING AND CUTTING FOR ADDITIONAL SAFETY INFORMATION.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/R

Autoignition Temp:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

AS APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:

NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:

N1

NP/State LTC No:

NOT APPLICABLE

Net Prop WT For Ammo:

N/A

Boiling Point:

N/R

B.P. Text:

N/R

Melt/Freeze Pt:

N/R

Decomp Temp:

N/R

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/A

Spec Gravity:

N/R

VOC Pounds/Gallon:

N/A

PH:

N/R 0

PH:

N/R 0

Net Prop Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

N/R

Appearance and Odor:

RODS 3/32 IN DIA, 12 IN LONG.

Percent Volatiles by Volume:

N/R

Corrosion Rate:

N/R

Reactivity Data

Stability Indicator:

YES

None Unless Otherwise Specified:

NONE UNLESS OTHERWISE SPECIFIED.

Materials To Avoid:

NONE UNLESS OTHERWISE SPECIFIED.

Hazardous Decomposition Products:

WELDING FUMES AND GASES ARE DEPENDENT UPON THE METAL BEING WELDED, ETC.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT APPLICABLE

Toxicological Information

Information:

N/P

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information:

N/P

Information:

N/P

Information: