

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778-7787-32-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7787-32-8

Code:

M

RTECS:

CQ9100000

Code:

M

Name:

BARIUM FLUORIDE; (BAF2). LD50:(ORAL,RAT)250 MG/KG

Other REC Limits:

2.5 MG/M3 (F)

OSHA PEL:

0.5 MG/M3 (BA)

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

0.5 MG/M3 (BA)

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

RESP PROT IS NEC WHEN EXPOS LIMITS FOR AIRBORNE CONTAM ARE EXCEEDED DURING WELDING W/ELECTRODES. USE NIOSH/MSHA APPROVED AIR- SUPPLIED RESP IN CONFINED SPACES. USE ONLY NIOSH/MSHA APPROVED RESPS I/A/W 29 CFR 1910.134 - RESP PROT.

Ventilation:

USE LOCAL EXHAUST WHEN WELDING.

Protective Gloves:

WELDING GLOVES.

Eye Protection:

WELDERS HELMET/FCSHLD W/APPROP LENS

Other Protective Equipment:

Equipment PROTECTIVE EQUIPMENT IS REQUIRED WHEN WELDING. WEAR FLAME RETARDANT CLOTHING.

Work Hygienic Practices:

WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health:

HAZ DECOMP PROD:FLUORIDES, CO, OZONE & NOX. PHOSGENE CAN BE PRODUCED IF CHLORINATED SOLVENT VAPORS ARE PRESENT.

Health Hazards Data

LD50/LC50 Mixture:

SEE INGREDIENTS.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

AS SHIPPED, THESE ELECTRODES HAVE NO KNOWN TOXICOLOGICAL PROPERTIES OTHER THAN CAUSING ALLERGIC REACTIONS IN INDIVIDUALS SENSITIVE TO METALS. USER GENERATED DUSTS AND FUMES MAY ON CONTACT WITH THE SKIN OR EYES PRODUCE MECHANICAL IRRITATION. CHRONIC EXPOSURE MAY CAUSE DERMATITIS OR CONJUNCTIVITIS.

Explanation Of Carcinogenicity:

NICKEL:IARC GRP 1, NTP GRP 2.

Signs And Symptoms Of Overexposure:

SKIN IRRITATION, EYE IRRITATION, DERMATITIS, CONJUNCTIVITIS. EXPOSURE TO FUMES GENERATED FROM THE WELDING PROCESS MAY POSE A LONG TERM HEALTH HAZARD.

Medical Cond Aggravated By Exposure:

5 ALLERGIC REACTIONS IN INDIVIDUALS SENSITIVE TO METAL(S) CONTAINED IN THESE WELDING PRODUCTS.

First Aid:

EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: IF SYMPTOMS OF INGESTION ARISE, GET MEDICAL ATTENTION.

Spill Release Procedures:

VACUUM OR SHOVEL ANY SPILLED MATERIAL INTO A SUITABLE CONTAINER. ALLOY WASTES ARE NORMALLY COLLECTED TO RECOVER METAL VALUES.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

ALLOY WASTES ARE NORMALLY COLLECTED TO RECOVER METAL VALUES. HOWEVER, IF DISPOSAL IS NECESSARY, DISPOSE I/A/W FEDERAL, STATE OR LOCAL REGULATIONS.

Handling And Storage Precautions:

MAINTAIN EXPOSURES BELOW THE ACCEPTABLE EXPOSURE LIMITS. USE INDUSTRIAL HYGIENE AIR MONITORING DURING YOUR USE OF THIS MATERIAL.

Other Precautions:

REFER TO ANSI Z49.1 & OSHA 29 CFR 1910 FOR IMPORTANT ADDITIONAL INFORMATION. DO NOT EXPOSE SKIN/EYES TO HEAT & RADIATION FROM WELDING OPERATIONS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NON-FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

NOT GIVEN

Upper Limits:

NOT GIVEN

Extinguishing Media:

NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE. 6

Fire Fighting Procedures:

WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

NONFLAMMABLE; HOWEVER SPARKS FROM WELDING IN USER OPERATIONS COULD IGNITE FLAMMABLE OR COMBUSTIBLE LIQUIDS, VAPORS & SOLIDS.

Physical/Chemical Properties

HCC:

N1

NRC/State Lic No:

7

Net Prop WT For Ammo:

Boiling Point:

NOT GIVEN

Melt/Freeze Pt:

M.P/F.P Text:

>1832F,>100

Decomp Temp:

Decomp Temp Text:

UNKNOWN

Vapor Pres:

NOT GIVEN

Vapor Density:

NOT GIVEN

Evaporation Rate & Reference:

NOT GIVEN

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

ODORLESS SOLID. METALLIC SILVER COLORED WIRE W/FLUX COATING OR FLUX CORE.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

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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

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