

FUMES AND GASES can be dangerous to your health. **SHORT TERM (ACUTE) OVEREXPOSURE** to welding fumes may result in discomfort such as dizziness, nausea, or dryness or irritation of nose, throat, or eyes. **PRIMARY ROUTES OF ENTRY** are the respiratory system, eyes, and/or skin. **IRON, IRON OXIDE** - Remove from overexposure and apply artificial respiration if needed. Wash eyes or skin with water to remove dusts. **LONG TERM (CHRONIC) OVEREXPOSURE** may lead to siderosis (iron deposits in lungs) and is believed by some investigators to affect pulmonary functions. **PRIMARY ROUTE OF ENTRY** is the respiratory system. **IRON, IRON OXIDE** - Long term overexposure to fumes can cause deposits of iron in the lungs (siderosis). Lungs will clear in time when exposure to iron and its compounds ceases. Iron and Magnetite (FE304) are not regarded as fibrogenic materials. **MANGANESE**- Long term overexposure to manganese compounds may affect the central nervous system. Symptoms include muscular weakness and/or tremors similar to parkinson's disease. Behavioral changes and changes in handwriting may also appear. Employees exposed to manganese compounds should get quarterly medical examinations for early detection of manganism. **ARC RAYS** can injure eyes and burn skin.

Emergency & First Aid Procedures: Call for medical aid. Employ first aid techniques recommended by The American Red Cross. Eyes and Skin: If irritation or flash burns develop after exposure, call a physician.

WARNING: These products do not contain ingredients that are defined as carcinogenic per 29 CFR 1910.1200, Hazard Communication Standard.

SECTION VI REACTIVITY DATA

Stability: Stable: (X) Unstable: ()
Incompatibility (Materials to avoid): Contact with strong acids and caustics may produce H2 gas.
Hazardous Decomposition Products: Metal fumes and noxious gases may be produced during burning, welding, cutting or grinding operations.
Hazardous Polymerization: May Occur: () Will Not Occur: (X)

SECTION VII SPILL OR LEAK PROCEDURES

Steps to Be Taken In Case Material Is Released or Spilled: N/A

Waste Disposal Method: Any approved disposal method. Follow local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection: Properly fitted NIOSH-approved dust-fume respirator is recommended when burning, welding, cutting or grinding.

Ventilation: Use of local exhaust recommended during welding or burning to maintain TLV.

Eye Protection: Wear face shield and goggles when welding, burning, cutting or grinding.

Protective Gloves: Wear welder's protective gloves when welding or burning.

Other Protective Equipment: Use appropriate protective clothing when welding or burning.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: During welding, burning, cutting or grinding precautions should be taken to control airborne particulates and fumes.

Other Precautions: Arc and spark generated when welding with these materials could be a source of ignition for combustible and flammable materials.

ADDITIONAL PRODUCT INFORMATION

Cercla Reportable Quantity: None

RCRA Hazardous Waste Number: None

SARA Title III, Section 313: This product contains no toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Authorization Act of 1986 and 40 CFR Part 372.

PROPOSITION G5:

WARNING: This product, when used for welding or cutting, produces fumes or gases which contain chemicals known to the state of California to cause birth defects, and in some cases, cancer. (California Health and Safety Code 25249.5 et seq.)