

FABLOY 4130

MSDS Number

BQGQP

National Stock Number

3439-01-003-9337

Product Name

FABLOY 4130

Manufacturer

HOBART BROTHERS CO

Product Identification

Product ID:FABLOY 4130

MSDS Date:05/01/1991

FSC:3439

NIIN:01-003-9337

MSDS Number: BQGQP

Responsible Party

HOBART BROTHERS CO

600 W MAIN ST HOBART SQUARE

TROY , OH 45373

US

Emergency Phone: 513-332-4000

Info Phone: 513-332-4000

Cage: 28835

Contractor

HOBART BROTHERS CO

TROY, OH 45373

US

513-339-6000

Cage: 28835

Ingredients

IRON

CAS: 7439-89-6

RTECS: NO4565500

MANGANESE (SARA III)

CAS: 7439-96-5

RTECS: OO9275000

OSHA PEL(C) 5 MG/M3 DUST

ACGIH TLV: 5 MG/M3 DUST 9293

NICKEL (SARA III)

CAS: 7440-02-0

RTECS: QR5950000

OSHA PEL1 MG/M3
ACGIH TLV: 1 MG/M3; 9293

CHROMIUM (SARA III)
CAS: 7440-47-3
RTECS: GB4200000
OSHA PEL1 MG/M3
ACGIH TLV: 0.5 MG/M3; 9293
EPA Report Quantity: 1 LB
DOT Report Quantity: 1 LB

TITANIUM DIOXIDE
CAS: 13463-67-7
RTECS: XR2275000
OSHA PEL15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9293

SILICON
CAS: 7440-21-3
RTECS: VW0400000
OSHA PEL15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9293

MOLYBDENUM
CAS: 7439-98-7
RTECS: QA4680000
OSHA PEL15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3; 9293

COPPER (SARA III)
CAS: 7440-50-8
RTECS: GL5325000
OSHA PEL0.1MG/M3 FUME/1 DUST
ACGIH TLV: 0.2MG/M3 FUME; 9293
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:SHORT TERM EXPOSURE TO WELDING FUMES,
GASES OR DUST MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA,
FEVER, DRYNESS AND/OR IRRITATION OF NOSE, THROAT AND EYES. SKIN
SENSITIVITY MAY ALSO BE NOTED. LONG TERM EXPOSURE TO
FUMES/GASES/DUST MAY CAUSE PULMONARY IRRITATION OR PNEUMOCONIOSIS;

& SIDEROSIS FROM IRON FUMES.

Explanation of Carcinogenicity:NICKEL IS ANTICIPATED TO BE CARCINOGENIC BY NTP. RESPIRATORY CANCER FROM WELDING IS UNCONFIRMED.

Effects of Overexposure:EXPOSURE TO WELDING FUMES MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA, FEVER, DRYNESS AND/OR IRRITATION OF NOSE, THROAT AND EYES. SKIN SENSITIVITY MAY ALSO BE NOTED. WATERY EYES, HEADACHE, BREATHING DIFFICULTY, FREQUENT COUGHING AND/OR CHEST PAINS MAY OCCUR FROM ACUTE EXPOSURE. TOXIC GASES CAN BE FATAL.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH IMPAIRED PULMONARY FUNCTION OR ILLNESS MAY HAVE SYMPTOMS EXACERBATED BY IRRITANTS CONTAINED IN WELDING FUMES.

First Aid

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.

Fire Fighting

Extinguishing Media:NON-FLAMMABLE

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

Accidental Release

Spill Release Procedures:CLEAN UP ANY GRINDING DUST OR WASTE RESIDUES AND PLACE IN SUITABLE DOT APPROVED CONTAINERS AND DISPOSE OF IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. AVOID INHALATION AND SKIN EXPOSURE.

Handling

Handling and Storage Precautions:WEAR GLOVES AND FLAME RETARDANT CLOTHING WHEN CUTTING, GRINDING OR WELDING. DO NOT EXPOSE SKIN TO RADIATION WHEN HOT CUTTING OR WELDING.

Other Precautions:PROVIDE PROTECTIVE SCREENS TO SHIELD OTHERS. WHEN ELECTRODES AND FLUXES ARE CONSUMED, THE FUME AND GAS DECOMPOSITION PRODUCTS GENERATED ARE DIFFERENT IN FORM FROM THE INGREDIENTS LISTED. NEW COMPOUNDS NOT IN THE ELECTRODES MAY FORM.

Exposure Controls

Respiratory Protection:USE WELD FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN CUTTING, GRINDING OR WELDING IN A CONFINED SPACE OR WHERE LOCAL EXHAUST OR GENERAL VENTILATION DOES NOT KEEP EXPOSURE BELOW RECOMMENDED LIMITS. USE ONLY NIOSH APPROVED RESPIRATORS.

Ventilation:USE ENOUGH VENTILATION WHEN CUTTING, GRINDING OR WELDING TO KEEP THE DUST, FUMES & GASES FROM THE WORKERS BREATHING ZONE

Protective Gloves:FLAMEPROOF GAUNTLET GLOVES

Eye Protection:OSHA APPROVED GOGGLES/FACE SHIELD W/LENS

Other Protective Equipment:FLAME RETARDANT CLOTHING WHEN CUTTING, GRINDING OR WELDING. DO NOT EXPOSE SKIN TO RADIATION WHEN HOT CUTTING OR WELDING.

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY2:KT MSDS RECEIVED FROM NAVY (FOCAL POINT N). CAGE CODE AND NSN IDENTIFIED BY THEM. MSDS DATED 00JAN88 AND COVERED MULTIPLE PRODUCTS. NAVY MIS-IDENTIFIED THE PRODUCT COVERED BY THE MSDS TO THIS NSN. PROPER PRODUCT AND MORE CURRENT INFO WAS ENTERED HERE.

Chemical Properties

HCC:N1

NRC/State Lic Num:NONE

Solubility in Water:INSOLUBLE
Appearance and Odor:SOLID ROD, NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS & ALKALIES.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:WELDING/CUTTING OPERATIONS MAY INCLUDE
ELEMENTAL METALS, OXIDES OF THE METALS, FUMES/GASES &
ELECTROMAGNETIC RADIATION.

Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS

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