

4043

MSDS Number

BFDLL

National Stock Number

3439-00-542-0752

Product Name

4043

Manufacturer

HARRIS J W CO INC

Product Identification

Product ID:4043

MSDS Date:06/01/1990

FSC:3439

NIIN:00-542-0752

MSDS Number: BFDLL

Responsible Party

HARRIS J W CO INC

10930 DEERFIELD RD.

CINCINNATI , OH 45242-4110

US

Emergency Phone: 800-424-9300

Info Phone: 513-891-2000

Cage: JO820

Contractor

SHAMROCK SUPPLY CO

SANTA ANA, CA 92707

US

714-556-4422

Cage: 48111

Ingredients

SILICON

CAS: 7440-21-3

RTECS: VW0400000

Fraction By Weight: 4.5-6.0%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

IRON

CAS: 7439-89-6

RTECS: NO4565500

Fraction By Weight: 0.8%

COPPER (SARA III)

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight: 0.3%

OSHA PEL0.1MG/M3 FUME/1 DUST

ACGIH TLV: 0.2MG/M3 FUME; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

MANGANESE (SARA III)

CAS: 7439-96-5

RTECS: OO9275000

Fraction By Weight: 0.05%

OSHA PEL(C) 5 MG/M3 DUST

ACGIH TLV: 5 MG/M3 DUST 9293

MAGNESIUM

CAS: 7439-95-4

RTECS: OM2100000

Fraction By Weight: 0.05%

ZINC OXIDE

CAS: 1314-13-2

RTECS: ZH4810000

Fraction By Weight: 0.10%

OSHA PEL15MG/M3 TDUST/5 FUME

ACGIH TLV: 10MG/M3 TDUST; 9293

TITANIUM

CAS: 7440-32-6

RTECS: XR1700000

Fraction By Weight: 0.2%

ACGIH TLV: 10 MG/CUM

ALUMINUM (SARA III)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: BAL

OSHA PEL15MG/M3 DUST/5 FUME

ACGIH TLV: 10MG/M3 DUST; 9192

Hazards

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CHRONIC:LONG TERM EXPOSURE TO WELDING

FUME,GASES OR DUST MAY CONTRIBUTE TO PULMONARY IRRITATION OR PNEUMOCONIOSIS.

Effects of Overexposure:SHORT TERM EXPOSURE TO WELDING FUME MAY RESULT IN DISCOMFORT,DIZZINESS,NAUSEA,DRYNESS OR IRRITATION OF THROAT
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH IMPAIRED PULMONARY FUNCTIONS OR ILLNESS MAY HAVE SYMPTOMS EXACERBATED BY FUME IRRITANTS

First Aid

First Aid:REMOVE FROM DUST OR FUME EXPOSURE. IF BREATHING HAS STOPPED,PERFORM ARTIFICIAL RESPIRATION. SUMMON MEDICAL AID IMMEDIATELY.

Fire Fighting

Extinguishing Media:USE PROPER MATERIAL FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:WELDING ARC,OPEN FLAME & SPARKS CAN IGNITE COMBUSTIBLES.

Accidental Release

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

Handling

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.

Exposure Controls

Respiratory Protection:USE RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR.

Ventilation:USE ENOUGH VENTILATION & LOCAL EXHAUST AT THE ARG TO KEEP THE FUMES & GASES BELOW TLV.

Protective Gloves:WELDERS

Eye Protection:FACE SHIELD WITH FILTER LENS.

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

Work Hygienic Practices:WASH HANDS THOROUGHLY BEFORE EATING,SMOKING,USING SANITARY FACILITIES.

Supplemental Safety and Health

Chemical Properties

HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:SOLID WIRE OR ROD

Stability

Stability Indicator/Materials to Avoid:YES

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

Disposal

Waste Disposal Methods:DISPOSE OF FUME,FLUX OR WELDING GRINDING RESIDUE FROM THE WORK AREA OR FROM FILTERS IAW ALL APPLICABLE FEDERAL,STATE & LOCAL REGULATIONS.

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