

HOBART BROTHERS COMPANY -- HOBART 10 1/8X14 IN 1 LB AES A5.1 -- 3439-00-262-2670

===== Product Identification =====

Product ID:HOBART 10 1/8X14 IN 1 LB AES A5.1

MSDS Date:08/01/1985

FSC:3439

NIIN:00-262-2670

MSDS Number: BGTNW

=== Responsible Party ===

Company Name:HOBART BROTHERS COMPANY

Address:600 W. MAIN STREET

City:TROY

State:OH

ZIP:45373

Info Phone Num:513-339-6000

Emergency Phone Num:513-339-6000

CAGE:28835

=== Contractor Identification ===

Company Name

:HOBART BROTHERS CO

Address:600 W MAIN ST HOBART SQUARE

Box:City:TROY

State:OH

ZIP:45373

Country:US

Phone:513-339-6000

CAGE:28835

===== Composition/Information on Ingredients =====

Ingred Name:IRON

CAS:7439-89-6

RTECS #:NO4565500

Other REC Limits:NONE

OSHA PEL:10MG/M*3(DUST,FUME)

ACGIH TLV:5MG/M*3(DUST,FUME)

Ingred Name:MANGANESE (SARA III)

CAS:7439-96-5

RTECS #:OO9275000

Other REC Limits:NONE

OSHA PEL:(C) 5 MG/M3 DUST

ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:TITANIUM DIOXI

DE
CAS:13463-67-7
RTECS #:XR2275000
Other REC Limits:NONE
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:MAGNESIUM OXIDE
CAS:1309-48-4
RTECS #:OM3850000
Other REC Limits:NONE
OSHA PEL:15 MG/M3 PARTICULATE
ACGIH TLV:10 MG/M3;TDUST; 9293

Ingred Name:POTASSIUM SILICATE
CAS:1312-76-1
Other REC Limits:NONE

Ingred Name:SODIUM SILICATE
CAS:1344-09-8
Other REC Limits:NONE

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:N
O Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:METALLIC TASTE,NAUSEA,TIGHTNESS
OF CHEST,FEVER,DIZZINESS,DRYNESS,IRRITATION OF EYES,NOSE,THROAT.
CHRONIC:EXCESSIVE LEVELS MAY CAUSE BRONCHIAL ASTHMA,LUNG
FIBROSIS,PNEUMOCONIOSIS. ARC RAYS CAN IN JURE EYES & BURN SKIN.
ELECTRIC SHOCK CAN KILL.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:AGGRAVATION OF EXISTING RESPIRATORY
OR ALLERGIC C
ONDITIONS.HIGHER LEVEL OF LUNG RELATED PROBLEMS AMONG
SMOKERS.

===== First Aid Measures =====

First Aid:REMOVE FROM EXPOSURE AND OBTAIN PROMPT MEDICAL ATTENTION. IF
NOT BREATHING,GIVE CPR.IF UNCONSCIOUS,GIVE OXYGEN. EMPLOY FIRST AID
TECHNIQUES RECOMMENDED BY AMERICAN RED CROSS.

===== Fire Fighting Measures =====

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Unusual Fire/Explosion Hazard:WELD

ING ARCS AND SPARKS CAN IGNITE
CONBUSTIBLE PRODUCTS.

===== Accidental Release Measures =====

Spill Release Procedures:CLEAN UP ANY GRINDING DUST OR WASTE RESIDUE
AND PLACE IN APPROPRIATE DOT APPROVED DISPOSAL CONTAINER.

===== Handling and Storage =====

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.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR IN
CONFINED SPACES OR WHERE VENTILATION DOES NOT KEEP EXPOSURE BELOW
TLV.

Ventilation:LOCAL EXHAUST TO MAINTAIN BELOW TLV.

Protective Gloves:WELDER'S GLOVES.

Eye Protection:HELMET OR FACE SHIELD WITH FILTER LENS.

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

Work Hygienic Practices:WASH HANDS THOROUGHLY BE
FORE

EATING,SMOKING,USING SANITARY FACILITIES.

Supplemental Safety and Health
NONE.

===== Physical/Chemical Properties =====

HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:WELDING ROD.NO ODOR. 1/8 INCH DIAMETER BY 14 INCHES
LONG.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

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

===== Dis

posal Considerations =====

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

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