

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:513-33

9-6000

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 DIOXIDE  
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  
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Routes of Entry: Inhalation:YES Skin:NO 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 b  
y Exposure:AGGRAVATION OF EXISTING RESPIRATORY  
OR ALLERGIC CONDITIONS.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 APPR

OPRIATE FOR SURROUNDING FIRE.

Unusual Fire/Explosion Hazard:WELDING 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 EXPOS  
URES.AVOID ELECTRICAL SHOCK  
BY MAINTAINING DRY WORK AREA.

===== 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,SHOUL  
DER PROTECTION.

Work Hygienic Practices:WASH HANDS THOROUGHLY BEFORE  
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 MET

ALS AND METAL  
OXIDES,CO,NO\*2,O\*3.

===== Disposal 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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