

HOBART BROTHERS CO -- HOBART 14A -- 3439-00-759-2198

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

Product ID:HOBART 14A
MSDS Date:02/01/1992
FSC:3439
NIIN:00-759-2198
MSDS Number: BKHRH
=== Responsible Party ===
Company Name:HOBART BROTHERS CO
Address:600 W MAIN ST
City:TROY
State:OH
ZIP:45373
Country:US
Info Phone Num:513-332-4000
Emergency Phone Num:513-332-4000
CAGE:28835

==== Contractor Identification ==

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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

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

Ingred Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
Fraction by Wt: 60-100%
OSHA PEL:5 MG/CUM RESPIRABLE
ACGIH TLV:10 MG/CUM

Ingred Name:MANGANESE, MN COMPOUNDS
CAS:7439-96-5
RTECS #:OO9275000
Fraction by Wt: 1-5%
OSHA PEL:5 MG/CUM (DUST)
ACGIH TLV:5 MG/CUM (DUST)

Ingred Name:TITANIUM

DIOXIDE, TIO2
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 5-10%
OSHA PEL:15 MG/CUM
ACGIH TLV:10 MG/CUM (DUST)

Ingred Name:SILICATE BINDERS (SODIUM SILICATE) *93-1*
CAS:1344-09-8
Fraction by Wt: 1-5%
ACGIH TLV:10 MG/CUM

Ingred Name:CELLULOSE
CAS:9004-34-6
RTECS #:FJ5691460
Fraction by Wt: 1-5%
OSHA PEL:5 MG/CUM
ACGIH TLV:10 MG/CUM (DUST)

Ingred Name:AMORPHOUS FUSED SILICA, SILICON DIOXIDE, QUARTZ, SILICON
INTENDED CHANGE (IC)
CAS:60676-86-0
RTECS #:VV7328000
Fraction by Wt: 1-5
%
Other REC Limits:30 MG/CUM TOTAL DUST
OSHA PEL:10 MG/CUM (RESP)
ACGIH TLV:0.1 MG/CUM (RESP) IC

Ingred Name:POTASSIUM SILICATE, POTASSIUM METASILICATE *93-1*
CAS:1312-76-1
Fraction by Wt: 1-5%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE/SKIN/RESPIRATORY IRRITANT.
MANGANESE MAY CAUSE METAL FUME FEVER. LONG TERM EXPOSURE:
RE: BRONCHIAL
ASTHMA, LUNG FIBROSIS, SIDEROSIS, MANGANISM.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: DISCOMFORT, DIZZINESS, NAUSEA,
DRYNESS, NOSE/THROAT/EYE IRRITATION, MUSCLE WEAKNESS, TREMORS.
METAL FUME FEVER: CHILLS, FEVER UPSET STOMACH, VOMITING, THROAT
IRRITATION, BODY ACHES.

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

First Aid:EMPLOY FIRST AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED
CROSS. EYES/SKIN: IF IRRIT

ATION OR FLASH BURNS DEVELOP AFTER
EXPOSURE, CONSULT A PHYSICIAN. OBTAIN MEDICAL ATTENTION IN ALL
CASES.

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

Unusual Fire/Explosion Hazard:NON FLAMMABLE. WELDING ARC & SPARKS CAN
IGNITE COMBUSTIBLES.

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

Handling and Storage Precautions:ELECTRIC SHOCK CAN KILL. TRAIN THE
WELDER NOT TO TOUCH LIVE ELECTRICAL PARTS, TO INSULATE HIMSELF FROM
WORK/GR

OUND, & TO KEEP HIS HEAD OUT OF FUMES.

Other Precautions:ONE RECOMMENDED WAY TO DETERMINE THE COMPOSITION &
QUANTITY OF FUMES & GASES TO WHICH WORKERS ARE EXPOSED IS TO TAKE
AN AIR SAMPLE INSIDE THE WELDER'S HELMET IF WORN OR IN THE WORKER'S
BREATHING ZONE.

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

Respiratory Protection:USE NIOSH APPROVED OR EQUIVALENT/AIR SUPPLIED
RESPIRATOR WHEN WELDING IN CONFINED SPACE.

Ventilation:LOCAL EXHAUST AT THE ARC TO KEEP