

HELION INDUSTRIES INC -- HELIOFIX,PART A -- 6750-01-353-5780

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Product Identification
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Product ID:HELIOFIX,PART A

MSDS Date:04/01/1986

FSC:6750

NIIN:01-353-5780

Kit Part:Y

MSDS Number: BVVHL

=== Responsible Party ===

Company Name:HELION INDUSTRIES INC

Address:681 MAIN ST

City:BELLEVILLE

State:NJ

ZIP:07109

Country:US

Info Phone Num:201-759-0200

Emergency Phone Num:201-759-0200/800-424-930

0(CHEMTREC)

Preparer's Name:KENNETH R. CIOLETTI

CAGE:0AP29

=== Contractor Identification ===

Company Name:HELION INDUSTRIES INC

Address:681 MAIN ST, BLDG 12

Box:City:BELLEVILLE

State:NJ

ZIP:07109

Country:US

Phone:800-327-3456

CAGE:0AP29

Company Name:VISUAL GRAPHICS CORP.

Address:5701 NW 94 TH AVENUE

Box:City:TAMARAC

State:FL

ZIP:33321-4317

Country:US

Phone:305-722-3000 EXT. 2299

CAGE:26030

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Composition/Information on Ingredients
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Ingred Name:WATER

CAS:7732-18-5

RTEC

S #:ZC0110000
Fraction by Wt: 30 - 40%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ACETIC ACID (SARA III)
CAS:64-19-7
RTECS #:AF1225000
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:AMMONIUM THIOSULFATE
CAS:7783-18-8
RTECS #:XN6465000
Fraction by Wt: 45- 55%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Fraction by Wt: 5 - 10%
Other REC
Limits:NONE RECOMMENDED

Ingred Name:SODIUM BORATE,DECAHYDRATE/BORAX
CAS:12447-40-4
RTECS #:VZ2275000
Fraction by Wt: 0.5 - 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY
AND G

ASTROINTESTINAL TRACTS. ACUTE- EYE:MAY CAUSE IRRITATION OR TISSUE DAMAGE. SKIN:MAY CAUSE IRRITATION. INHALATION:MAY CAUSE IRRITATION OF RESPIRATORY TRACT. ING ESTION:MAY CAUSE IRRITATION OR CORROSION OF GASTROINTESTINAL TRACT. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING DISORDERS MAY BE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH EYES WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. ORAL:IF CONSCIOUS, DRINK 2-4 GLASSES OF MILK OR WATER. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. DIKE SPILL AND SOAK UP WITH SAND OR COMMERCIALY AVAILABLE ACID SPILL KIT. SWEEP UP

ABSORBANT AND PLACE IN A HAZARDOUS WASTE CONTAINER.

Neutralizing Agent:WEAK BASE

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE HAZARDOUS. REMOVE AND WASH CONTAMINATED CLOTHING IMMEDIATELY. DO NOT STORE NEAR HEAT. DO NOT STOR

E FOOD, DRINK OR TOBACCO IN AREA
WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL.

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

Respiratory Protection:NONE SHOULD BE NEEDED.
Ventilation:LOCAL EXHAUST RECOMMENDED.
Protective Gloves:RUBBER OR LATEX
Eye Protection:CHEMICAL SAFETY GOGGLES/SPLASH SHIELD
Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, RUBBER OR
PLASTIC APRON
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.
Supplemental Safety and Health
KEY1:C3. THIS IS A TWO-PART KIT (HELIOFIX AND HARDENER). THE
MANUFACTURER DID NOT PROVIDE PART B.

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

HCC:C3
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:>212F,>100C
Spec Gravity:1.35
pH:5.3
Evaporation Rate & Reference: