

C.L. HAUTHAWAY & SONS CORPORATION -- 38-H GRAPHIC ARTS RUBBER CEMENT --
8040-00-291-8625

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

Product ID:38-H GRAPHIC ARTS RUBBER CEMENT

MSDS Date:08/05/1993

FSC:8040

NIIN:00-291-8625

MSDS Number: BTSNS

=== Responsible Party ===

Company Name:C.L. HAUTHAWAY & SONS CORPORATION

Address:638 SUMMER STREET

City:LYNN

State:MA

ZIP:01905

Country:US

Info Phone Num:617-592-6444

Emergency Phone Num:617-592-6444

Preparer's Name:THOMAS P. GERAS

CAGE:FO780

=== Contractor Identification ===

Company Name:AMERICAN INK AND OIL CORP

Address:33 ENDICOTT STREET

Box:City:NORWOOD

State:MA

ZIP:02062-3006

Country:US

Phone:781-762-0026 / FAX: 781-762-1617

CAGE:82956

Company Name:C.L. HAUTHAWAY & SONS CORPORATION

Address:638 SUMMER STREET

City:LYNN

State:MA

ZIP:01905

Country:US

Phone:(617) 592-6444

CAGE:FO780

Company Name:CL HAUTHAWAY & SONS CORP

Address:638 SUMMER ST

Box:City:LYNN

St

ate:MA
ZIP:01905
Country:US
Phone:617-592-6444
CAGE:HAUTH

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Composition/Information on Ingredients
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Ingred Name:N-HEPTANE
CAS:142-82-5
RTECS #:MI7700000
Fraction by Wt: 87.11%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:400 PPM/500STEL;9394

Ingred Name:ISOPROPYL ALCOHOL (SARA III) [99%]
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1.49%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9394

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Hazard
s Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CONTACT MAY CAUSE SKIN & EYE
IRRITATION. INHALATION MAY CAUSE RESPIRATORY IRRITATION & CNS
DEPRESSION/DAMAGE. INGESTION MAY CAUSE GI TRACT IRRITATION & CNS
DEPRESSION/DAMAGE. ASPIRATION DURING SWALLOWING OR VOMITING MAY
CAUSE LUNG DAMAGE. CHRONIC: PROLONGED/REPEATED EXPOSURE MAY CAUSE
SKI

N IRRITATION.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED: COUGHING, SHORTNESS OF BREATH,
DIZZINESS, DROWSINESS, HEADACHE, NAUSEA, VOMITING, LOSS OF
COORDINATION, FATIGUE. EYES: REDNESS, TEARING, BURNING. SKIN:
REDNESS, BURNING, DRYING & CRACKING. IN GESTED: NAUSEA, VOMITING,
DIARRHEA, DRWOSINESS, DIZZINESS, FATIGUE, WEAKNESS, INCOORDINATION.

Medical Cond

Aggravated by Exposure:PRE-EXISTING EYE, SKIN, &
RESPIRATORY DISORDERS; PRE-EXISTING IMPAIRED PERIPHERAL NERVE
FUNCTION MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE: REMOVE FROM EXPOSURE. FLUSH WITH LOTS OF WATER FOR 10-15
MINUTES. GET MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHES. WASH
WITH SOAP & WATER. SEEK MEDICAL AID IF IRRITATION PERSISTS.
INHALED: REMOVE TO FRESH AIR. RESTORE BREATHING IF NEEDED. GET
MEDICAL AID. INGESTED: ASPIRATION HAZARD-DO NOT INDUCE VOMITING OR
GIVE ANYTHING BY MOUTH! DO NOT LEAVE VICTIM UNATTENDED. GET MEDICAL
AID.

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

Flash Point Method:TCC
Flash Point:25.0F,-3.9C
Lower Limits:1
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL
BUNKER GEAR.USE WATER TO MINIMIZE VAPORS & COOL FIRE EXPOSED
CONTAINERS.AVOID SPREADING BURNING LIQUID WITH WATER
Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR.
THIS MATERIAL IS EXTREMELY FLAMMABLE & MAY BE IGNITED BY HEAT,
SPARKS, FLAME OR STATIC ELECTRICITY.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. ISOLATE &
DENY ENTRY. WEAR PROPER PROTECTIVE CLOTHING & EQUIPMENT. RECOVER
FREE PRODUCT. VENTILATE CONFINED SPACES. KEEP OUT OF
SEWERS/WATERWAYS; NOTIFY NATIONAL RESPONSE CENTER AT 800-424-8802
IF SPILL ENTERS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM
SOURCES OF IGNITION & STRONG OXIDIZING AGENTS. KEEP CONTAINERS
TIGHTLY CLOSED. USE WITH ADEQUATE VENTILATION.
Other Precautions:AVOID INHALATION OF PRODUCT & ITS VAPORS/MISTS.
"EMPTY" CONTAINERS RETAIN RESIDUE

DUE (LIQUID &/OR VAPOR) AND CAN BE

DANGEROUS. DO NOT GRIND, CUT, WELD, BRAZE SOLDER, DRILL, OR EXPOSE TO HEAT, FLAME OR SPARKS- THEY MAY EXPLODE & CAUSE INJURY.

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

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW MANUFACTURER'S RECOMMENDATIONS AND 29 CFR 1910.134.

Ventilation: USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR

LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL.

Protective Gloves: NITRILE, BUTYL, PVA

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER. IMPERVIOUS CLOTHING SHOULD BE WORN AS NEEDED.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

1ST AID CONT'D- NOTE TO PHYSICIANS: EPINEPHRINE & OTHER SYMPATHOMIMETIC

DRUGS MAY POTENTIATE CARDIAC ARRHYTHMIAS IN PERSONS EXPOSED TO THIS CHEMICAL. THESE DRUGS SHOULD BE USED CAUTIOUSLY, IF AT ALL AND ONLY WITH CARDIAC MONITORING. MSDS ENTERED BY DLA-HMIS UNDER PROJECT FOR GSA.

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

HCC:F2

Boiling Pt: B.P. Text: >180F, >82C

Vapor Density: >1

Spec Gravity: 0.71

Evaporation Rate & Reference: