

C.L. HAUTHAWAY & SONS CORP -- 38-H GRAPHIC ARTS RUBBER CEMENT -- 8040-00-266-0849

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

Product ID:38-H GRAPHIC ARTS RUBBER CEMENT

MSDS Date:08/05/1993

FSC:8040

NIIN:00-266-0849

MSDS Number: BTSNJ

== Responsible Party ==

Company Name:C.L. HAUTHAWAY & SONS CORP

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. GERA

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

State:MA

ZIP:01905

Country:US

Phone:617-592-6444

CAGE:HAUTH

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

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

===== 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: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 SKIN 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. INGESTED: NAUSEA, VOMITING, DIARRHEA, DROWSINESS, 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 (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, DINKING, OR SMOKING. LAUNDER 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:<1 (ETHER=1)

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER. PER DLSC-TIR IS A LIQUID IN 1 GALLON CAN.

Percent Volatiles by Volume:89.98

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

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: KEEP AWAY FROM HEAT, SPARKS, PILOT
LIGHTS, STATIC ELECTRICITY, & OPEN FLAME; STRONG OXIDIZING CONDITIONS.
Hazardous Decomposition Products: THERMAL DECOMPOSITION IN THE PERSENCE
OF AIR MAY YIELD CARBON MONOXIDE AND CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. DLA-HMIS: EPA/RCRA WASTE NUMBER D001 MAY APPLY
TO UNUSED/UNCONTAMINATED PRODUCT.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.