

AMERICAN WRITING INK -- PENETRATING OIL TYPE II -- 9150-00-529-7518

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

Product ID: PENETRATING OIL TYPE II

MSDS Date: 04/01/1991

FSC: 9150

NIIN: 00-529-7518

MSDS Number: BVGLN

=== Responsible Party ===

Company Name: AMERICAN WRITING INK

Address: 35 FARNSWORTH STREET

City: BOSTON

State: MA

ZIP: 02210-1210

Country: US

Info Phone Num: 617-482-9167

Emergency Phone Num: 617-482-916

7

Preparer's Name: M. LEVINSON

CAGE: 82956

=== 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

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

Ingred Name: PETROLEUM LUBRICATING OIL BASE STOCK [MINERAL OIL]

CAS: 64742-53-6

RTECS #: PY8036000

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 OIL MIST

ACGIH TLV: 5 MG/M3 OIL MIST

In

gred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE,
PETROLEUM/LUBRICATING OIL BASE STOCK

CAS:64742-52-5

RTECS #:PY8035000

Fraction by Wt: 49%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:KEROSENE [ALIPHATIC PETROLEUM SOLVENT]

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 48%

Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;94

Ingred Name:ADDITIVE PACKAGE-NONHAZARDOUS [ADDITIVES]

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

=====
===== 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: INHALATION OF HIGH

CONCENTRATIONS OF VAPORS CAN BE IRRITATION TO MUCOUS MEMBRANES; MAY
CAUSE CNS EFFECTS. VAPORS MAY CAUSE EYE IRRIT

ATION. CHRONIC:

PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN DEFATTING AND
DERMATITIS.

Explanation of Carcinogenicity:NO INGREDIENTS OF A CONCENTRATION OF

0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALATION: HEADACHE, DROWSINESS, NOSE AND

THROAT IRRITATION. EYES: TEMPORARY BLURRING OF VISION, REDNESS AND
IRRITATION. SKIN: REDNESS, STINGING SENSATION.

Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

=====

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING! SEEK IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:151F,66C

Lower Limits:0.7

Upper Limits:5.0

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS IN CONFINED AREAS. KEEP UNINVOLVED CANS COOL AND AWAY FROM HEAT/FLAMES.

Unusual Fire/Explosion Hazard:CANS MAY RUPTURE IN FIRE, INCOMPLETE COMBUSTION MAY PRODUCE CARBON OXIDES SUCH AS CARBON MONOXIDE. FLOORS MAY BE SLIPPERY WHERE MATERIAL IS RELEASED.

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

Spill Release Procedures:REMOVE IGNITION SOURCES, VENTILATE AREA WELL. ABSORB LIQUID WITH VERMICULITE OR OTHER INERT MATERIALS, & PLACE IN CLOSED CONTAINER. USE NON SPARKING TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT DURING CLEAN UP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, OR OPEN FLAME. STORE AWAY FROM STRONG OXIDIZING AGENTS. KEEP CONTAINERS CAPPED WHEN NOT IN USE.

Other Precautions:BE CAREFUL OF MISDIRECTED SPRAY. WEAR GOGGLES OR SAFETY GLASSES. USE GLOVES. AVOID BREATHING VAPORS. DISCARD ANY OIL CONTAMINATED CLOTHES. INSURE ALL USERS OF THIS PRODUCT HAVE KNOWLEDGE OF THIS MSDS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL O

R NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation:PROVIDE LOCAL EXHAUST OR FOR CONFINED SPACE/ENCLOSED AREA PROVIDE VENTILATION WITH 60 FPM FACE VELOCITY.

Protective Gloves:PVC/RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES W/FACESHIELD

Other Protective Equipment:CHEMICAL RESISTANT APRON. EYE WASH STATION & SAFETY SHOWER.

Work Hygien

ic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:V2

Boiling Pt:>281.1C, 538.F

Vapor Pres: