

## MATERIAL SAFETY DATA SHEET

DATE OF PRINTING: 01/14/94

## SECTION I

MANUFACTURER: PACKAGE CHEMICAL COMPANY INC.  
 218 WEST ST.  
 BOSTON, MA 02127  
 TELEPHONE: 617 268 6770  
 PRODUCT CLASS: Cleaner Dye Pads  
 CODE IDENTIFICATION: MOCO  
 TRADE NAME: MOCO DYE PADS

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT BY WEIGHT	ACGIH TLV PPM	OSHA PEL mg/cu. m. PPM
XYLENE CAS NUMBER 1330-20-7	36.1	100	100
1,2 DIMETHYLBENZENE AND 1,3 DIMETHYLBNEZENE (MIXED ISOMERS) Petroleum Hydrocarbon	41.7	50	180
CAS NUMBER CAS 64742-49-0 ISOMERS OF N-HEXANE			

## SECTION III - PHYSICAL DATA

BOILING RANGE: 151.0 TO 282.0 F  
 EVAPORATION RATE: SLOWER THAN ETHER  
 PERCENT VOLATILE BY VOLUME: 80.5  
 WEIGHT PER GALLON: 6.49 POUNDS

VAPOR DENSITY: HEAVIER THAN AIR  
 VOC (less water): 5.05 LBS/GAL

VAPOR PRESSURE:

MELTING POINT:

SOLUBILITY IN WATER: Very slight

APPEARANCE AND ODOR: LIQUID-AROMATIC ODOR-COLOR VARIES WITH TRACE DYES

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

OSHA CATEGORY: FLAMMABLE LIQUID CLASS 1

FLASH POINT : 81.0 F TAG CLOSED CUP LEL: UEL:  
 (lowest flashing component)

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical or foam

USUAL FIRE AND EXPLOSION HAZARDS:

Pressure may build up in closed containers that are exposed to heat.  
 Solvent vapors are heavier than air and may travel a considerable  
 distance along the ground to an ignition source and "flash back".

SPECIAL FIRE FIGHTING PROCEDURES:

Water may be ineffective, however, water may be used to cool closed  
 containers that are exposed to heat. Firefighting personnel should  
 wear self-contained breathing apparatus.

MSDS: MOCO

PAGE: 2

## SECTION V - HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE: SEE SECTION II

PRIMARY ROUTE(S) OF ENTRY:

Inhalation and skin contact

EFFECTS OF OVEREXPOSURE:

XYLENE is irritating to eyes, nose and throat. Narcosis may occur above threshold limit. Repeated excessive exposure may cause headache, dizziness, fatigue, sleepiness, irritability or nausea.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Respiratory difficulties or preexisting skin sensitization.

CARCINOGENICITY:

None of the components of this product are reported carcinogens.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Administer artificial respiration or oxygen if breathing is difficult.

SKIN: Wash affected area with soap and water. Remove and launder contaminated clothing. Consult a physician if irritation persists.

EYES: Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment.

INGESTION: Call a physician immediately.

## SECTION VI - REACTIVITY DATA

STABILITY: NORMALLY STABLE

CONDITIONS TO AVOID:

None known

INCOMPATIBILITY (Materials to avoid)

Strong acids and bases

HAZARDOUS DECOMPOSITION PRODUCTS:

BY FIRE: Normal products of incomplete combustion.

HAZARDOUS POLYMERIZATION: DOES NOT OCCUR

CONDITIONS TO AVOID:

None known

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Provide adequate ventilation. Remove all possible ignition sources.

Absorb and dispose using non-sparking tools.

WASTE DISPOSAL METHOD:

Dispose in accordance with local applicable regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

In outdoor or open areas use Bureau of Mines approved mechanical filter respirator to remove solid airborne particulates of overspray. Indoors, where ventilation is inadequate, use Bureau of Mines approved chemical-mechanical respirators designed to remove both

MSDS: MOCO

PAGE: 3

particulate and vapor.

**VENTILATION:****PROTECTIVE GLOVES:**

Recommended if skin contact is likely.

**EYE PROTECTION:**

Chemical splash goggles recommended if potential for splash or eye contact is likely.

**OTHER PROTECTIVE EQUIPMENT:**

Recommended as needed to avoid contact.

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SECTION IX - SPECIAL PRECAUTIONS

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**PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING:**

Store in a cool dry place away from heat, sparks and open flame. Keep containers closed and upright to prevent leakage. Outside or detached storage is preferred. Inside storage should be in a standard flammable liquid storeroom or cabinet. Metal containers should be grounded when transferring material from one container to another. Do not reuse product container for any purpose.

**OTHER PRECAUTIONS:**

PREPARED BY: TECHNICAL STAFF

EMERGENCY PHONE 1-800-424-9300

REFERENCE DATE: 12/23/1993

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION ABOVE.

TO WHOM IT MAY CONCERN: EFFECTIVE JAN 1 1989, WE ARE REQUIRED BY SARA TITL III SECTION 313 OF THE RIGHT TO KNOW LEGISLATION, TO INFORM YOU OF THE PER CENTAGE OF ANY INGREDIENT IN THE PRODUCT WHICH IS IN THE 313 LIST OR AS AN LISTING AS A COMPONENT OF A MATERIAL WHICH IS IN THE CATEGORY OF CHEMICAL LIST.

PRODUCT: MOCO

MOCO DYE PADS NONE