



MATERIAL SAFETY DATA SHEET

OSHA-MEETS 29 CFR 1910.1200 STANDARDS

HMS HAZARD RATINGS

HEALTH	2	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	3	1 = SLIGHT	4 = EXTREME
REACTIVITY	0	2 = MODERATE	

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME : XYLENES
 HAZARD CLASS / DIVISION: 3 REF: 49 CFR 173.120
 IDENTIFICATION NUMBER: UN 1307 LABEL:FLAMMABLE LIQUID

SECTION 1 – PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

PAGE 1 of 2

XYLENE

MANUFACTURER'S NAME

Color Crown Corporation
 928 E. Sligh Avenue
 Seffner, FL 33584

EMERGENCY TELTPHONE NUMBER

Chemtrek (800) 424-9300

TELEPHONE NUMBER FOR INFORMATION

(813) 655-4880

DATE PREPARED: August 27, 1999

SUPERCEDES: April 1, 1995

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS#	% (OPTIONAL)	ACGIH PPM	TWA MG/M3	ACGIH PPM	STEL MG/M3	SARA TITLE III	RQ LBS
Xylene (mixed) (a,b,c)	1330-20-7	100	100	435	150	655	YES	1000

- (a) A "YES" in the SARA TITLE III column indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right – To – Know Act of 1986 and of 40 CFR 372
- (b) Indicates that the Resource Conservation and Recovery Act (RCRA) has determined the waste for this chemical is listed as Hazardous and must be handled according to regulations in CFR 260-281.
- (c) Indicates the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements For releases or spills to the environment of the Reportable Quantity (RQ) or greater amounts, according to 40 CFR 302.

SECTION 3 – HEALTH HAZARD DATA

ROUTES OF ENTRY – SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise

SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis.

EYES: High vapor concentration or contact may cause irritation and discomfort.

INGESTION: May result in vomiting; aspiration of vomitus into The lungs must be avoided; DO NOT induce vomiting. Minute amounts aspirated into the lungs can produce severe lung injury, chemical pneumonitis, pulmonary edema or death.

EMERGENCY AND FIRST AID PROCEDURES

Remove victim to fresh air; provide oxygen if breathing is difficult; administer CPR if victim is not breathing; seek medical attention.

Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation Persists, seek medical attention.

Flush eyes with water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

DO NOT induce vomiting; if vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; literature data indicate xylene causes central nervous system effects, anemia, liver and kidney effects, and eye damage after repeated or prolonged exposure to high concentrations by skin absorption and inhalation. Harmful or fatal if swallowed. Vapor harmful.

CARCINOGENICITY: NPT? No

IARC MONOGRAPHS? No

OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

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Page 2 of 2

XYLENE

Date: August 27, 1999

SECTION 4 – FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

FLAMMABLE LIMITS

LEL: 1.0

UEL: 7.0

80° F (Tag Closed Cup)

EXTINGUISHING MEDIA

CO₂; water; water fog; dry chemical; chemical foam

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must wear full facepiece self – contained breathing apparatus in positive pressure mode. Do not use solid stream of water, since stream will scatter and spread fire. Fine water spray can be used to keep fire – exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers can explode due to buildup of pressure when exposed to extreme heat; do not use direct stream of water on pool fires as product may re-ignite on water surface. Caution – Material is flammable

SECTION 5 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CAUTION- FLAMMABLE!

Evacuate and ventilate area; confine and absorb into absorbent; place material into approved containers for disposal; for spills in excess of allowable limits (RQ) notify the National Response Center (800) 424-8802; refer to CERCLA 40 CFR 302 and SARA Title III, Section 313 40 CFR 372 for detained instructions concerning reporting requirements.

SECTION 6 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. CAUTION FLAMMABLE – Keep away from all sources of ignition. “Empty” containers may contain residue, which may form explosive vapors. Do not weld or cut near empty container that has not been professionally reconditioned. Use non-sparking tools when opening and closing containers. Maintain well ventilated work areas to minimize exposure when handling this material.

SECTION 7 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section II) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn.

VENTILATION LOCAL EXHAUST: Required
MECHANICAL (GENERAL): Yes

SPECIAL: To maintain minimum TWA and STEL levels.

OTHER: Engineering and work controls as required.

PROTECTIVE GLOVES: Neoprene or rubber

EYE PROTECTION: Goggles with side shields

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby.

WORK/HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SECTION 8 – PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT

281°F

SPECIFIC GRAVITY (WATER=1)

0.871

VAPOR PRESSURE (MM HG)

9.5mm @ 20°C

VOLATILE ORGANIC COMPOUNDS (VOC'S)

7.25 lbs/gal

VAPOR DENSITY (AIR=1)

>1

EVAPORATION RATE (n-BUTYL ACETATE = 1)

<1

SOLUBILITY IN WATER

Negligible

% VOLATILE (BY WEIGHT)

100%

APPEARANCE AND ODOR

Clear liquid, characteristic hydrocarbon odor

SECTION 9 – STABILITY AND REACTIVITY

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Extreme temperatures; open flames, sparks

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Thermal decomposition may yield CO₂/CO

HAZARDOUS POLYMERIZATION

CONDITIONS TO AVOID

MAY OCCUR: WILL NOT OCCUR:XXX

None

SECTION 10 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. This product may produce concentrated hazardous vapors or fumes in a disposal container creating a dangerous environment. Refer to “40 CFR Protection of Environment Parts 260-200” for complete waste disposal regulations for ignitable materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway.

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