



# MATERIAL SAFETY DATA SHEET

OSHA MEETS 29 CFR 1910.1200 STANDARDS

NFPA HAZARD RATINGS (HMIS)

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

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Coating Solution (Contains Xylene)  
 HAZARD CLASS / DIVISION: 3 (Flammable) REF: 49 CFR 173.120  
 IDENTIFICATION NUMBER: UN 1139

IDENTITY (AS USED ON LABEL AND LIST)

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## STARDEK II CLEAR CONCRETE SEALER

### SECTION 1

MANUFACTURERS NAME

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

EMERGENCY TELEPHONE NUMBER

Chemtrec (800) 424-9300

TELEPHONE NUMBER FOR INFORMATION

(813) 655-4880

DATE PREPARED: August 27, 1999

SUPERCEDES: May 22, 1992

### SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY:COMMON NAME(S))	CAS#	% (OPTIONAL)	ACGIH TWA PPM	ACGIH STEL MG/M3	SARA PPM	RQ MG/M3	TITLE III LBS
Ethylene glycol monoethyl ether acetate	111-15-0		100	540			
Toluene (a,b,c,d)	108-88-3	<30	100	377	150	565	YES 1000
Xylene (mixed) (a,b,c)	1330-20-7	<40	100	434	130	051	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 40 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.
- (d) Indicates listing in Table Z -2, 29 CFR 1910.1000, detailing acceptable ceiling concentration limits and acceptable maximum peak above the ceiling concentration for an 8 hour shift.
- (e) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves, coveralls, goggles, or other appropriate equipment.

### SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT

230°F

SPECIFIC GRAVITY (WATER = 1)

0.937

VAPOR PRESSURE (MM HG)

38 MM @ 20°F C

MELTING POINT

n/a

VAPOR DENSITY (AIR = 1)

>1

EVAPORATION RATE (N-BUTYL ACETATE=1)

<1

SOLUBILITY IN WATER

nil

% VOLATILE (BY WT)

75%

APPEARANCE AND ODOR

Clear liquid, characteristic hydrocarbon odor

### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)

80°F Tag Closed Cup

FLAMMABLE LIMITS LEL: 1.2 UEL: 7

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, single stream will scatter and spread fire. Fine water spray can be used to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

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!

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## SECTION V – REACTIVITY DATA

### STABILITY

UNSTABLE: STABLE: XXX

### INCOMPATIBILITY (MATERIALS TO AVOID)

Oxidizing agents; strong acids

### HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Thermal decomposition may yield CO; CO<sub>2</sub>

### HAZARDOUS POLYMERIZATION

May occur: Will not occur: XXX

### CONDITIONS TO AVOID

Extreme temperatures; sparks; flames; any ignition source

### CONDITIONS TO AVOID

none

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## SECTION VI - 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 reddening, swelling and possible necrosis.

**EYES:** Contact causes severe irritation and pain associated with redness and swelling of the conjunctiva

**INGESTION:** Moderately toxic; may cause headache, dizziness, Diarrhea and general weakness; large doses may result in red blood Hemolysis

### 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; seek medical attention..

Give two glasses of water for dilution; induce vomiting by sticking fingers down throat; never give anything by mouth to an unconscious person; seek medical attention.

**HEALTH HAZARDS (ACUTE AND CHRONIC):** Acute effects are possible irritation and discomfort; no known chronic effects have been established.

**CARCINOGENICITY:** NPT? No

IARC MONOGRAPHS? No

OSHA REGULATED? No

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

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## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

**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 detailed instructions concerning reporting requirements.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with Local, State, and Federal Regulations. Refer to RCRA regulations 40 CFR 260-281 Part 261.20 for waste disposal instructions for ignitable materials; do not flush to sanitary sewer or waterway.

**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.

**OTHER PRECAUTIONS:** Use non-sparking tools when opening and closing containers. Maintain well-ventilated work areas to minimize exposure when handling this material.

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## SECTION VIII – CONTROL MEASURES

**RESPIRATORY PROTECTION (SPECIFY TYPE):** None required while threshold limits (SectionII)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 contracts as required.

**PROTECTIVE GLOVES:** Neoprene or rubber

**EYE PROTECTION:** Goggles with side shields; safety eyebath nearby.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Coveralls, apron, or other equipment should be worn to minimize skin contact.

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

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