

MATERIAL SAFETY DATA SHEET

UV FLEXP SCRATCH-OFF RELEASE COATING

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PRODUCT NAME: UV FLEXP SCRATCH-OFF RELEASE COATING
PRODUCT CODE: UF0-3292
PREPARED FOR: MISCELLANEOUS

HMIS CODES: H F R P
2 1 1 B

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: SPECTRA COLOR CORPORATION
ADDRESS: 615 N. ENTERPRISE STREET
AURORA, IL 60504
EMERGENCY PHONE: 1-888-620-4837
INFORMATION PHONE: 1-630-692-1600
DATE PRINTED: 3/12/2009
NAME OF PREPARER: ALFIE DELOS MONTEROS

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 4 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE (MM HG @ TEMP), WEIGHT PERCENT. Rows include ACRYLATE ESTER MONOMER and * OLIGOMER.

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
N/A

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: n/a
VAPOR DENSITY: HEAVIER THAN AIR
VOLATILE VOLUME PERCENT: .35%
SOLUBILITY IN WATER: NON SOLUBLE.
APPEARANCE AND ODOR: MILKY THIN LIQUID / SWEET CHARACTERISTIC ODOR
SPECIFIC GRAVITY (H2O=1): 1.08
EVAPORATION RATE: SLOWER THAN WATER
VOLATILE WEIGHT PERCENT: .44%
MATERIAL V.O.C.: 0.01 lb/gl

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 183F
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
METHOD USED: TCC N/A
UPPER: n/a

SPECIAL FIREFIGHTING PROCEDURES

SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT RECOMMENDED FOR FIRE FIGHTERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID

UV light and elevated temperatures above 140 F may cause hazardous polymerization, which is a highly exothermic reaction that can produce sufficient heat to cause thermal decomposition and/or rupture of containers.

This product contains one or more components which when processed at temperatures in excess of 130 C may liberate

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formaldehyde vapors. Formaldehyde vapor is highly irritating to the eyes and respiratory tract. However, occupational exposure to formaldehyde from this source has not been reported to cause significant adverse human health effects.

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid strong oxidizing agents such as peroxides, chlorates, perchlorates, nitrates, and permanganates. Oxidizing materials may vigorously evolve oxygen in large amounts. Other polymerization initiators include copper, carbon steel, iron, rust, or strong bases.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

When involved in a fire, burning organic pigments may evolve noxious gases which are toxic. These compounds may include carbon monoxide, carbon dioxide, nitrous oxides, or hydrogen chloride, depending on the pigment type.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== **SECTION VI - HEALTH HAZARD DATA** =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION: MAY CAUSE DIZZINESS OR DROWZINESS IF VAPORIZED FUMES ARE INHALED.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYE CONTACT: SEVERE IRRITATION, TEARING, REDNESS AND BLURRED VISION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN CONTACT: CAN CAUSE IRRITATION AND DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

DIRECT CONTACT MAY CAUSE EYE IRRITATION. PROLONGED SKIN CONTACT MAY CAUSE MINOR SKIN IRRITATION. TARGET ORGANS: SKIN

CARCINOGENICITY: **NTP CARCINOGEN:** No **IARC MONOGRAPHS:** No **OSHA REGULATED:**
Yes

N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

PROLONGED OR REPEATED CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS CONDITION.

EMERGENCY AND FIRST AID PROCEDURES

IN CASE OF EYE CONTACT, FLUSH WITH LARGE QUANTITIES OF WATER. IF SWALLOWED, DO NOT INDUCE VOMITING, PROVIDE ADEQUATE VENTILATION; CONSULT PHYSICIAN. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER.

===== **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE** =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WIPE UP. DISPOSE OF WIPES IN APPROVED WASTE CONTAINERS. IF PETROLEUM HYDROCARBON IS USED, PROVIDE SUFFICIENT VENTILATION

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WASTE DISPOSAL METHOD

SHOULD BE DONE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid employee exposure through the use of appropriate engineering controls and good industrial hygiene practices. Do not allow skin or eye contact. Solvent should not be used to clean skin.

Store at temperatures below 140 F in a dry, well-ventilated area away from direct sources of heat. Empty containers may contain product residues and should be handled appropriately. Material may solidify under low temperature conditions. Position containers so that labelling information is visible.

OTHER PRECAUTIONS

N/A

===== **SECTION VIII - CONTROL MEASURES** =====

RESPIRATORY PROTECTION

NONE IN NORMAL USE.

VENTILATION

GENERAL MECHANICAL VENTILATION OR LOCAL EXHAUST IS SUFFICIENT.

PROTECTIVE GLOVES

IF CONTACT IS PROLONGED OR UNLESS PRESSES ARE WASHED WITH SOLVENTS.

EYE PROTECTION

RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Barrier cream and gloves may be used as necessary to prevent exposure. Safety glasses are recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up spills of large amounts.

WORK/HYGIENIC PRACTICES

N/A

===== **SECTION IX - DISCLAIMER** =====

The information contained herein is, to the best of our knowledge and belief, accurate with a factor for error of + or - 5% . However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

TRANSPORT INFORMATION:

UN/NA, = NOT REGULATED

US DOT

PROPER SHIPPING NAME: NOT APPLICABLE/NOT REGULATED

HAZARDOUS SUBSTANCES: NOT APPLICABLE