

# MATERIAL SAFETY DATA SHEET

## CFS (CLEAR & COLORS)

### 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Umaco Inc.  
60 Rear Newhall Street  
Lowell, Ma. 01852

PRODUCT NAME: CFS (CLEAR & COLORS)  
GENERAL ID : A SOLVENT BASED ACRYLIC  
SEALER; RESISTANT TO HOT  
TIRES

Emergency Phone (Chemtrec) 1-800-424-9300  
Informational Phone (Umaco) 1-978-453-8881  
Date Prepared: 12/31/04

### 2. HAZARDOUS INGREDIENTS/ IDENTITY

SECTION 313 SUPPLIER NOTIFICATION- THIS PRODUCT  
CONTAINS THE FOLLOWING TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION  
313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR 372

Hazardous Components CAS #	Ingredient	Osha Pel	Acgih TLV	Other Limits	WT. %
64741-85-7 (a)	Naphtha Solvent	500 ppm	100 ppm	200 ppm/stel	60-80

Note: When supplied as Factory-Tint may contain (depending on color)

111-46-6	Diethylene Glycol (b)	N.E.	N.E.
Varies	Pigments (b)	N.E.	N.E.

(a) Reportable under U.S. EPA SARA TITLE III, Section 313

(b) Not expected to be a fume or dust hazard as supplied in this product. May be hazardous if dry film is sanded

### 3. HEALTH HAZARDS IDENTIFICATION (ACUTE & CHRONIC)

Routes of entry:      Inhalation: yes      Skin: yes      Ingestion: yes

**Ingestion:** May result in vomiting. Avoid aspiration of vomit into lungs **Inhalation:** Causes irritation to the respiratory tract. May cause headaches and dizziness and CNS depression at high concentrations. **Skin and Eyes:** Causes irritation to the eyes. Repeated skin contact may defat the skin.

**Carcinogenicity:** NTP: No      **IARC MONOGRAPHS** No      **OSHA REGULATED** No

**Signs and Symptoms of Exposure:** **Ingestion:** may cause lung damage which could be fatal. **Inhalation:** May have narcotic effects. Continued inhalation may cause CNS depression, unconsciousness and/or death. Early CNS depression may be evidenced by giddiness, headache and nausea. Vapors irritating to eyes, nose and throat. May cause dizziness or nausea. **Skin:** Repeated exposure to the skin may cause reddening, drying and cracking of the skin followed by dermatitis. **Eyes:** May cause conjunctivitis and result in blurred vision and/ or corneal burns.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing eye, skin and respiratory conditions.

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#### 4. EMERGENCY FIRST AID PROCEDURES

**Eyes:** Flush with clean water for 15 minutes. If irritation persists **Seek immediate medical attention**

**Skin:** Remove clothing and wash skin with soap and water. If irritation persists **Seek immediate medical attention.**

**Inhalation:** Remove victim to fresh air away from contamination. Provide oxygen if needed. **Seek immediate medical attention.**

**Ingestion:** Do not induce vomiting!! Should vomiting occur be sure to keep victim's head below the hips to prevent aspiration of vomit into the lungs. **Seek immediate medical attention.**

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#### 5. FIRE FIGHTING MEASURES

**Flash point** 124 Degrees F

**Method Used** TCC

**Flammable Limits LEL** 1.0

Naphtha Solvent **UEL** 7.0

**Extinguishing Media:** Regular foam, carbon dioxide, dry chemical, water fog

**Special Fire Fighting Procedures:** Water spray to cool exposed containers. Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn out gear and chemical resistant protective equipment. (MESA/NIOSH Approved-Schedule 13 )

**Unusual Fire and Explosion Hazards:** Avoid spreading burning liquid with water. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. .

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#### 6. ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources. Dike and contain spill. Soak up spill and residue with any absorbent material. Transfer all materials to suitable containers for disposal or salvage. Keep away from sewers and open bodies of water.

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#### 7. HANDLING AND STORAGE

Storage area and equipment to conform to NEMA Class I Grp.D Ground containers and avoid sparks when pouring. Avoid hot surfaces. Vapors may accumulate in low areas. Keep containers tightly closed when not in use. Never use welding or cutting torches on or near drums (empty or full). Keep containers isolated from heat, sparks and open flames.

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#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Use MESA/NIOSH approved respirators-Schedule 13. Use solvent impervious gloves. Use Safety glasses, goggles or face shields when handling or using this product.

**Ventilation:** **Local Exhaust-** Preferable **Mechanical-** Acceptable **Special-**Keep vapors below TLV & LEL  
**Other-** Change air 5 times an hour

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#### 9. PHYSICAL & CHEMICAL PROPERTIES

**Boiling Point:** 347-401 Deg. F

**Vapor Pressure:** 1@ 68 Deg. F  
(mmHG)

**Vapor Density:** 5.3  
(AIR=1)

**Specific Gravity:** Clear: 0.83, Colors 0.95

**Melting point:** N/A

**Evaporation Rate:** < 0.1  
(Butyl Acetate= 1)

**Solubility in water-** Negligible

**Appearance and Odor:** Translucent/colored liquid with lacquer odor

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#### 10. STABILITY AND REACTIVITY

**Stability :** Unstable      Stable    X    Hazardous polymerization      May occur      May Not Occur    X

**Conditions to Avoid:** Avoid heat, sparks, flame.

**Incompatibility:** Contact with oxidizing materials

**Hazardous Decomposition:** Carbon monoxide and unidentified toxic fumes may be formed during combustion.

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#### 11.TOXICOLOGICAL INFORMATION

See sections 2 and 3 for specific toxicological information for the ingredients of this product.

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**12. ECOLOGICAL INFORMATION**

May be toxic to aquatic organisms. Do not allow product to reach ground water, water course or sewage systems, even in small quantities.

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**13. DISPOSAL CONSIDERATIONS**

Dispose of according to local, state and federal regulations. All spill residue may be "hazardous waste"

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**14. TRANSPORTATION INFORMATION**

**Proper Shipping name:** Coating Solution      **UN Number:** UN1139      **Packing Group:** II

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**15. REGULATIONS**

This MSDS has been prepared in accordance with the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

All components of this product are listed on the Toxic Substance Inventory or are excluded from listing requirements.

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**16. OTHER INFORMATION****SAFETY PHRASES:**

**Avoid using indoors.**

**Read all instructions before use.**

**Keep containers closed when not in use.**

**For Professional Use Only.**

**Keep container in a well ventilated place.**

**When using do not eat, drink or smoke.**

**Keep out of the reach of children.**

**Keep away from food, drink and animal feed.**

**When applying indoors, (Industrial or Commercial applications ONLY), by Professionals ONLY, proper ventilation is required.**

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