

MATERIAL SAFETY DATA SHEET

TRANSEAL (CLEAR & COLORS)

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

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

PRODUCT NAME: TRANSEAL (CLEAR & COLORS)
GENERAL ID : A SOLVENT BASED
ACRYLIC SEALER
FOR EXTERIOR USE ONLY

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 / twa	Other Limits	%
64742-95-6	Solvent Naphtha (a)		400 ppm		15-20
1330-20-7	Xylenes (a)		100 ppm		10-15
25551-13-7	Tri-methyl Benzenes (a)		25 ppm		35-40
100- 41 -4	Ethylbenzene (a)		100 ppm		1-5
98-82-8	Cumene (a)		50 ppm		1-5
108-88-3	Toluene (a)		50 ppm		< 0.05
71-43-2	Benzene (a)		0.6 ppm		<0.005

Note: When supplied as a Factory Tint may contain:

Varies Pigments (b)

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

(b) Not expected to be a fume or dust hazard as supplied. 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 cause mental sluggishness. **Inhalation:** Causes irritation to the respiratory tract. May cause headaches and dizziness 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

* IARC classifies Ethylbenzene as a possible human carcinogen

Xylenes are reproductive toxins, a teratogen and mutagen

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. 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: Angina, dermatitis and other body tissue disorders in the kidneys, liver, bone marrow and auditory, central nervous and cardiovascular systems

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 vapors. 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.**

5. FIRE FIGHTING MEASURES

Flash point 80 Degrees F

Flammable Limits LEL 1.0

Method Used TCC

UEL 7.0

Extinguishing Media: Regular foam, carbon dioxide, dry chemical

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: 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. Never use welding or cutting torches on or near drums. (empty or full). Keep containers tightly closed and isolated away from heat, sparks and open flames.

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.

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.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Use MESA/NIOSH approved respirators-Schedule 13. Use solvent impervious gloves with. 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

9. PHYSICAL & CHEMICAL PROPERTIES

Boiling Point: 285 Deg. F

Vapor Pressure: (mmHG) 8 @ 70 Deg. F. **Vapor Density (Air=1)** > 1

Specific Gravity: 0.90 to 0.95

Melting point: None **(Butyl Acetate = 1)Evaporation Rate:** <1

Solubility in water- Insoluable

Appearance and Odor: Translucent/colored liquid with lacquer odor

10. STABILITY AND REACTIVITY

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

Conditions to Avoid: Avoid heat, sparks, flame.

Incompatibility: Avoid contact with oxidizing materials

Hazardous Decomposition: CO, CO-2, Soot, Smoke and Toxic Chemical Fumes

11. TOXICOLOGICAL INFORMATION

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

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.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

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

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.

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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