# C Roberson & Co Ltd

## Safety Data Sheet according to Directive 91/155/EC

**Revision Date: April 2013**

## 1) Identification of the Substance/preparation and the company

**Trade Name: Universal Lacquer**

**Application: Topcoat for Gold Leaf and Liquid Metals**

**Manufacturer/Supplier:**

**C. Roberson & Co Ltd**
**1A Hercules Street**
**London N7 6AT**

**Tel: 020 7272 0567**

**Fax: 020 7263 0212**

## 2) Composition/Information on ingredients

| Hazardous Component | CAS# | OSHA PEL | ACGIH TLV |
|---|---|---|---|
| Triethylamine | 121-44-8 | 10ppm | 10ppm |

## 3) Hazards Identification

**Emergency Overview:** This material is a clear topcoat. It is a stable, non-flammable, translucent white flowable liquid with a flash point above 200°F.

**Primary Routes of Exposure:**

Inhalation
Skin contact
Eye contact

**Potential Acute Health Effects:**

**Inhalation:** May cause respiratory tract irritation.

**Skin:** Prolonged or repeated skin contact may cause irritation.

**Eye:** May cause eye irritation.

**Ingestion:** Not hazardous under intended use conditions.

**Potential Chronic Health Effects:** None known

## 4) First Aid Measures

**Eye contact**: Flush eyes with clean water for 15 minutes. Seek medical attention.

**Skin contact:** Thoroughly wash with soap and water before the coating dries.

**Inhalation:** If irritation occurs, remove to fresh air and seek medical attention if cough or other symptoms develop.

**Ingestion:** Do not induce vomiting. Seek medical attention.

**Note to Physician:** Treat symptomatically. This material is basically non-toxic. A small quantity (approximately one tablespoon) is unlikely to cause harm.

## 5) Fire Fighting Measures

**Flash Point (method):** N/D (est. >200°F)

**Extinguishing Media:** Use water spray, foam, or carbon dioxide when fighting fires involving this material.

**Protection of Firefighters:** As in any fire, wear NIOSH approved self-contained breathing apparatus pressure-demand and full protective gear.

**Fire and Explosion Hazards:** Material will not burn.

## 6 Accidental Release Measures

**Personal Precautions:** Slippery: can cause slips and falls if walked on.

**Clean Up Methods:** Contain spill with sand or other diking material. Soak up small spills with absorbent material. Dispose of in accordance with federal, state, and local regulations.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment.)

## 7) Handling and Storage

**Handling:** Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash hands before eating.

**Storage:** Keep from freezing. Keep container closed when not in use.

## 8) Exposure/Personal Protection

**Engineering Controls:** If necessary, use general room dilution ventilation, process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

**Personal Protective Equipment (PPE):**

**Eye Protection:** Eye contact should be avoided. Where eye contact is likely, wear chemical splash goggles and/or full-face shield.

**Skin Protection:** Wear gloves to prevent prolonged skin contact.

**Respiratory Protection:** None needed under normally anticipated use conditions. If vapour levels exceed allowable limits, wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

**General Hygiene Practices:** Avoid eye and skin contact. Avoid breathing vapours. Wash hands before eating and drinking.

## 9) Physical and chemical Properties

**Appearance:** Translucent white flowable liquid
**Odour:** Mild odour

**Physical State:** Liquid
**pH:** 7.5 to 9.5

**Boiling Point:** Above 200°F
**Melting Point:** <32°F

**Vapour Pressure:** **N/D**
**Vapour Density:** **N/D**

**Odour Threshold:** N/D
**Viscosity:** 500-2,500 cps

**Solubility in Water:** Dilutable in water
**Specific Gravity** (water = 1): 1.04

## 10) Stability and Reactivity

**Stability:** Stable, non-reactive
**Incompatibility:** None known

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** None known

## 11) Toxicological Information

**Carcinocenicity:** This material is not considered a carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA.

(See also Section 15 for related information.)

## 12) Ecological Information

**Chemical Fate and Effects:** No data available.

## 13) Disposal Information

**Recommended Waste Disposal Method:** This material is not considered hazardous waste under Federal Hazardous Waste Regulations (40CFR 261). However, state and local requirements for waste disposal may be more restrictive or otherwise differ from federal regulations. Chemical additions, processing, or otherwise altering this material may render the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.

## 14) Transport Information

**Regulated by the DOT:** Not regulated

**DOT Proper Shipping Name:** Paint

## 15) Regulatory Information

**CERCLA;**

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Centre for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

| **Chemical Name** | **CAS #** | **Maximum Concentration** (Wt. %) |
|---|---|---|
| none | N/A | N/A |

**SARA Title III, section 311/312:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311, and 312).

Components present in this product at a level which could require reporting under the statute are:

| **Chemical Name** | **CAS #** | **Maximum Concentration (Wt. %)** |
|---|---|---|
| none | N/A | N/A |

**SARA Title III, section 313:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

| **Chemical Name** | **CAS #** | **Maximum Concentration (Wt. %)** |
|---|---|---|
| none | | |

**TSCA;**

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product does not contain any chemicals that would require export notification under Section12 (b) of the TSCA regulation.

## 16) Other information

This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component materials.

To best of our knowledge the information contain herein is accurate. However, neither the above supplier assumes any liability whatsoever for the accuracy or completeness of the information herein

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be sued with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist