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SAFETY DATA SHEET

Issue No: 1

Date: 25 August 2010

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**PRODUCT NAME:** ALTROSMOOTH

- Synthesis
- Chrysalis
- Intrinsic

**PRODUCT TYPE/USE:** VINYL SHEET AND TILE FLOORING / VINYL FLOOR FOR USE IN COMMERCE

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**SUPPLIER:** ALTRO LTD  
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LETCHWORTH GARDEN CITY  
HERTS  
SG6 1NW

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**CONTACT PERSON:** Barry Hall

**MANUFACTURER:** Please contact Altro for details.

## 2. HAZARDS IDENTIFICATION

**INHALATION:** No risk under normal circumstances, but in a major fire PVC may burn; Hydrogen chloride (HCL) is formed, which irritates the inhalation system. HCL forms Hydrochloric acid when in contact with water or moisture.

**SKIN CONTACT:** No risk under normal circumstances.

**EYE CONTACT:** As for inhalation. If HCL is formed it can react with the moisture in the eyes to form Hydrochloric acid. This will cause severe irritation to the eyes.

**INGESTION:** May cause choking otherwise it is non-hazardous.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NO:	CONTENT	HEALTH	RISK PHRASES
NON-HAZARDOUS				

## 4. FIRST AID MEASURES

**INHALATION:** If PVC flooring is ignited move the exposed person to fresh air, and seek medical advice.

**SKIN CONTACT:** Non-hazardous

**EYE CONTACT:** If PVC flooring is ignited and Hydrochloric acid has formed from the moisture in the eyes; promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15minutes and get medical attention.

**INGESTION:** If stuck in throat remove by any means possible. Seek medical attention immediately if choking persists.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water spray, fog or mist. Foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** HCL is formed when burning, use protection mask for acidic gases. Use breathing apparatus in major fire situations.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** none

**HAZARDOUS COMBUSTION PRODUCTS:** Fire creates: Hydrogen chloride (HCL).

## 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IF PRODUCT IS RELEASED OR SPILT:** Not applicable

## 7. HANDLING AND STORAGE

**USEAGE PRECAUTIONS:** No special precautions are required. Normal safe handling practices must be employed. Ensure all handling is carried out according to the Kinetic method of lifting.

**STORAGE PRECAUTIONS:** Rolls of material should be stored in the upright position and must be restrained using a safety chain or rope. Cartons of material should be stored horizontally in neat stacks. Store in a clean, dry area.

**STORAGE CRITERIA:** Non hazardous material storage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENT NAME	CAS NO:	STD	LTEL	STEL
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			ppm	mg/m3	ppm	mg/m3
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Non-hazardous

**VENTILATION:** Not applicable  
**RESPIRATORS:** Not applicable  
**PROTECTION GLOVES:** Not applicable  
**EYE PROTECTION:** Not applicable  
**OTHER PROTECTION:** Not applicable.  
**HYGENIC WORK PRACTICES:** Maintain the flooring as recommended by Altro.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** 2m Wide Rolls of flooring.  
**COLOUR:** Various  
**ODOUR/TASTE:** Typical - low odour  
**DENSITY/SPECIFIC GRAVITY (g/ml):** Typical 1.45  
**VISCOSITY:** Solid

#### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable. Avoid: Flame contact  
**MATERIALS TO AVOID:** Ketone solvents  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Toxic gases/vapours/fumes of: Hydrogen chloride (HCL).

#### 11. TOXICOLOGICAL INFORMATION

##### 11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

**OTHER HEALTH EFFECTS:** none.  
**HEALTH WARNINGS:** Can cause irritation from the HCL formed when PVC flooring is burning.  
**ROUTE OF ENTRY:** Inhalation. Eye contact.  
**TARGET ORGANS:** Eyes. Respiratory system, lungs & throat.  
**MEDICAL SYMPTOMS:** irritation in eyes and throat.

#### 12. ECOLOGICAL INFORMATION

**BIO ACCUMULATION:** Very low potential for bioaccumulation.  
**DEGRADABILITY:** Very slowly biodegradable.  
**ACUTE FISH TOXICITY:** Not toxic to aquatic organisms.

#### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Landfill in accordance with local regulations.

#### 14. TRANSPORT INFORMATION

**LABEL FOR CONVEYANCE:** None required

#### 15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 1999/45/EC.

**CONTAINS:** None required  
**SAFETY PHRASES:** Not applicable

#### 16. OTHER INFORMATION

**GENERAL INFORMATION:** Joints to be welded with PVC weldrod and hot air gun. Provide good ventilation when welding. Observe PPE regulations.  
**REVISION DATE:**  
**SDS INITIALLY GENERATED:** 25/8/10

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.