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SAFETY DATA SHEET

Issue No: 11

Date: 20 September 2013

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

**PRODUCT NAME:** Altro Safety Flooring  
Altro Walkway 20 / Plus (VM20 / VM20SD / VMI20)  
Altro Designer 25 (D25)  
Altro Classic 25 (X25)  
Altro Atlas 40 (X40)  
Altro Impressionist II (IP20)  
Altro Timbersafe II (TS20)  
Altro Suprema II (SU20/SUI20)  
Altro Wood Safety

**PRODUCT TYPE/USE:** Vinyl Sheet Flooring

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**SUPPLIER:** ALTRO FLOORS  
WORKS ROAD  
LETCWORTH GARDEN CITY  
HERTS, SG6 1NW

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

Altro Maxis 25 (MXI25 / MXD25)  
Altro Stronghold 20/30 (K20/K30)  
Altro Marine 20 (T20)  
Altro XpressLay / Plus (XL22 / XLI22)  
Altro ContraX (CX20)  
Altro Mirica (MC20)  
Altro Aquarius (AQ20/AQI20)  
Altro Uno (AU20)  
Altro Unity (UB25/UBI25)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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

## 3. HAZARDS IDENTIFICATION

**INHALATION:** No risk under normal circumstances, but in a major fire PVC may burn; Hydrogen chloride (HCL) is formed. This will irritate 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.

**GENERAL COMMENTS:** If flooring is not maintained as recommended by Altro the safety properties may be affected.

## 4. FIRST AID MEASURES

**INHALATION:** If PVC flooring is ignited move the exposed person to fresh air. If breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

**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. Carbon dioxide (CO<sub>2</sub>).

**SPECIAL FIRE FIGHTING PROCEDURES:** Self extinguishing but will burn in the presence of flames. HCL is formed, use protection mask for acidic gases.

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

## 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IF PRODUCT IS RELEASED OR SPILT:** Non-Applicable

## 7. HANDLING AND STORAGE

**USAGE PRECAUTIONS:** No special precautions are required. Ensure all handling is carried out according to the Kinetic method of lifting.

**STORAGE PRECAUTIONS:** Rolls of material should be stored in the vertical position and must be restrained using a safety chain or rope. Store in a clean, dry area. Full rolls weigh in excess of 100Kg.

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



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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENT NAME	CAS NO:	STD	LTEL		STEL	
			ppm	mg/m3	ppm	mg/m3
NON-HAZARDOUS						

**PROTECTIVE EQUIPMENT:** None Required  
**HYGENIC WORK PRACTICES:** Maintain the flooring as recommended by Altro.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Up to 2m wide rolls of flooring  
**COLOUR:** Various  
**ODOUR/TASTE:** Typical - low odour  
**SOLUBILITY DESCRIPTION:** Not applicable

**BOILING POINT (°c, interval):** Not applicable  
**DENSITY/SPECIFIC GRAVITY (g/ml):** Approximately 1.28  
**VISCOSITY:** Solid  
**OTHER PHYSICAL DATA:** VOC data available from Altro

#### 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:** NON-APPLICABLE  
**TARGET ORGANS:** NON-APPLICABLE  
**MEDICAL SYMPTOMS:** NON-APPLICABLE

#### 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

**LABEL FOR SUPPLY:** None required.  
**RISK PHRASES:** Not applicable.  
**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:** 20/09/2013  
**SDS INITIALLY GENERATED:** 24/4/96

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.