



the future is safer with altro

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
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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

USAGE 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

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