

MATERIAL SAFETY DATA SHEET

1. Chemical Product and Company Identification—

Product Name: Polyvinyl Chloride Crystal Clear Sheet.

Manufacturer/Supplier Identification: New Colchis Enterprise Corp.

Address: 5F, No.137, Sec 1, An Ho road, Taipei, Taiwan.

Emergency Phone/Fax: +886-2-27553813, +886-2-27554225.

2. Composition/Information on Ingredients—

English Name: Polyvinyl Chloride Crystal Clear Sheet.

Synonyms: PVC Sheet.

Formula: $-(\text{CH}_2-\text{CHCL})_n$, $\text{C}_6\text{H}_4(\text{COOC}_9\text{H}_{19})_2$ (Di isononyl Phthalate)

Chemical Abstracts Number (CAS no.): 9002-86-2, 28553-12-0

Components (percentage for chemical ingredients):

Ingredient	Percentage (%)	Ingredient	Percentage (%)
PVC resin	60~70	Plasticizer	30~40
Stabilizer	1~3	Pigment	0~1

3. Hazards Identifications—

Major Hazard Effect: No.

Hazard Warnings For Health: No.

Inhalation: Single exposure to sheet is not likely to be hazardous.

Eye Contact: Solid or particles may cause irritation or eye injury due to mechanical action.

4. First Aid Measure—

Emergency And First Aid Procedures:

Inhalation And Eye Contact: Should be treated as with other inert solid.

Skin Contact: Should be treated by routine hygienic practices, such as washing with soap and water.

Ingestion: No adverse effects anticipated by this route of exposure. If irritation persists, get prompt medical attention.

5. Fire Fighting Measure—

Suitable Extinguishing Media: Foam, CO₂, dry powder.

Special Fire Fighting Procedure: People who extinguish the fire must wear chemical protection coat and respirator.

6. Accidental Release Measure—

Personal Protection: No.

Environmental Protection: No.

Method for Cleaning Up:

7. Handling And Storage—

Handling: Practice reasonable care and caution in handling.

Storage: Keep away from water, flame and heat.

8. Exposure Control/Personal Protection—

Engineering Control: No.

Personal Protection Equipment: No.

Respiratory Protection: For most conditions, no respiratory protection should be needed, however, if handling at elevated temperature without sufficient ventilation, use an approved air-purifying respirator.

Hand Protection: No.

Eye Protection: Use safety glasses, if there is a potential for exposure to particles which could cause injury to the eyes.

Skin & Body Protection: No precautions other than clean body-covering clothing should be needed.

Hygiene Procedures: Should be treated by routine hygienic practices, such as washing with soap and water.

9. Physical And Chemical Properties—

Form: Solid.

Color: Any color.

Odor: Negligible.

PH Value: 7.0.

Decomposition Point: 130°C

Flash Point: 400°C

Explosion Limit: Not Applicable.

Vapor Pressure: Not Applicable.

Vapor Density: Not Applicable.

Specific Gravity: 1.20~1.70

Solubility in Water: None.

10. Stability And Reactivity—

Stability: Quite stable.

Condition to Avoid: PVC Sheet is unstable to heat.

Hazardous Decomposition Products: It decomposes upon prolonged heat, the decomposition of this material may include HCL, CO₂.

11. Toxicological Information—

Acute Toxicity: No.

Local Effects: No.

Sensitive: No.

Chronic: No.

Exceptional Effects: No.

12. Ecological Information—

Possibility of Environmental Impact/Move: Cannot be decomposed.

13. Disposal Information—

Disposal Information: Burn in an approved incinerator in accordance with applicable regulations.

14. Transport Information—

Transporting Information: Truck and sea freight and air cargo regulations.

15. Regulatory Information—

Laboring, transporting and disposal regulations are according to local directives.

16. This information is given on the authorized Safety Data Sheet for your country.

Supplier Identification: New Colchis Enterprise Corp.

Address: 5F, No. 136, Sec 1, An Ho road, Taipei, Taiwan.

Tel: +886-2-27553813.

Fabricator: Fisher Liu.

Date: 30, May, 2013.

Version: 1.