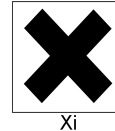




# Safety Data Sheet

## D12 DILUENTE POLIESTERE



Safety Data Sheet dated 28/8/2008, version 5

### 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name: D12 Diluente Poliesterre

Trade code: D12

Product type and use: Thinner for polyester spray filler

Company:

Ind. Chimica Reggiana spa Via Gasparini, 7 42100 Reggio Emilia ITALY

Tel. +39 0522-517803 Fax +39 0522-514384

Safety data office:

[sdsre@icrsprint.it](mailto:sdsre@icrsprint.it)

Emergency telephone number of the company and/or of an authorised advisory centre:

Industria Chimica Reggiana - Tel. +39-0522-514803

### 2. HAZARDS IDENTIFICATION

The product easily catches fire if it is exposed to an ignition source, even at temperatures below 21 °C.

If brought into contact with the eyes, the product causes considerable irritation which can last for over 24 hours.

Repeated exposure to the product may cause skin dryness or cracking.

Vapours of the product may cause drowsiness and dizziness.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

90% - 100% Ethyl acetate

N.67/548/CEE: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4

F,Xi; R11-36-66-67

### 4. FIRST AID MEASURES

Contact with skin:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Contact with eyes:

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief.

OBTAIN A MEDICAL EXAMINATION.

Swallowing:

Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, OBTAIN

MEDICAL ATTENTION.

### 5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

CO2 or dry chemical fire extinguishers.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

Cool the containers exposed to the fire with water.



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### 6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

### 7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Do not smoke while working.

Incompatible materials:

None in particular.

Storage conditions:

Always keep the containers tightly closed.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Instructions as regards storage premises:

Cool and adequately ventilated.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Protection for hands:

Use protective gloves that provides comprehensive protection, EN374 Class 3 (I). E.g. neoprene or nitrile.

Eye protection:

Not needed for normal use, however adopt good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH):

Name	TLV - TWA	TLV - STEL
Ethyl acetate	200-300 ppm	300-350 ppm

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: Colourless liquid

Odour: Typical

Flash point: -4 °C

Relative density: 0.9

Solubility in water: 8 %

### 10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products:

None.



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### 11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

Ethyl acetate

OBSERVATIONS IN MAN:

400 ppm: irritating for the eyes.

Serious toxic effects at 2000 ppm/60 min, symptoms of discomfort at 800 ppm.

Power to irritate the eyes: liquid and vapour cause irritation and temporary damage to the cornea.

Power to irritate the skin: repeated contact with the substance can cause irritation, delipidation with consequent dermatitis, eczema and sensitizing.

Swallowing: Inhalation while swallowing can cause serious lesions to the lungs. It may also cause nausea, vomiting, vertigo, cephalgia and depression. Massive doses can also cause coma and death.

Inhalation: exposure to the vapour irritates the first airways. It can also lead to irritation of the lungs:

Other effects: anemia, tracheitis, damage to the liver.

Carcinogenicity: the substance is not classified as being carcinogenic.

Toxic effects on reproduction/development: non-toxic.

### 12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

### 13. DISPOSAL CONSIDERATIONS

The waste of non-polymerized material must be considered as "Toxic and Harmful" waste, due to the presence of organic solvents higher than that permitted by European laws.

The empty containers must be considered as Special Waste Materials and disposed of at Type 2B Waste Dumps. If previously cleansed, they can be admitted in first class dumps.

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

### 14. TRANSPORT INFORMATION

Limited quantities, not liable to ADR norms for internal packages of up to 5L and a maximum 30 kg per pack.

UN number:	1263
Packing Group:	II
Shipping Name:	Paint-related material
Transport category :	2

ADRRID-Class:	3
Classification code :	F1
Label:	3

IMDG-Class:	3
IMDG-Label:	3
IMDG-EMS:	F-E, <u>S-E</u>

### 15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments.

Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments.

Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent).

Commission Directive 2000/39/EC (Occupational exposure limit values).

Regulation (EC) No 1907/2006 (REACH).



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### Symbols:

F Highly flammable  
Xi Irritant

### R Phrases:

R11 Highly flammable.  
R36 Irritating to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

### S Phrases:

S3/7 Keep container tightly closed in a cool place.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### Contains:

Ethyl acetate

Volatile Organic compounds - VOCs = 1000 g/kg = 900 g/L  
Volatile CMR substances = 0.00 %  
Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %  
Organic Carbon - C = 0.55

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.  
1999/13/EC (VOC directive)

## 16. OTHER INFORMATION

Text of R phrases referred to under heading 3:

R11 Highly flammable.  
R36 Irritating to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

Paragraphs modified from the previous revision:

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY
2. HAZARDS IDENTIFICATION
3. COMPOSITION/INFORMATION ON INGREDIENTS
7. HANDLING AND STORAGE
8. EXPOSURE CONTROLS / PERSONAL PROTECTION
9. PHYSICAL AND CHEMICAL PROPERTIES
11. TOXICOLOGICAL INFORMATION
14. TRANSPORT INFORMATION
15. REGULATORY INFORMATION
16. OTHER INFORMATION

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold  
ACGIH - Threshold Limit Values - 2004 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

