



ECOTAPE

PRIMER P29 MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1 IDENTIFICATION

Product Name: ECOTAPE Primer P29
Use: Pipe Corrosion Protection
Product Series: P29
Manufacturer:
Address: Passatge Carsi 2-4
08025 Barcelona
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SECTION 2 COMPONENTS / COMPOSITION INFORMATION

It is a black liquid that consists of butyl rubber and synthetic compound and xylene as solvent.
CAS NO: 1330-20-7
Chemical Family: Mixture

SECTION 3 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Flammable Liquid Category 3 UN 1139, Acute Toxicity (Dermal) Category 4, Acute Toxicity (Inhalation) Category 4, Skin Corrosion/Irritation Category 2.

GHS Label elements, including precautionary statements



Signal word: Warning

Hazard statement(s): Flammable liquid and vapor. Harmful in contact with skin. Harmful if inhaled.

Causes skin irritation.

Precautionary statement(s):

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/ vapors/spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.



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Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. Call a POISON CENTER/doctor if you feel unwell. Specific treatment (see below). If skin irritation occurs: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. In case of fire: Use foam, dry chemical powder, carbon dioxide, water spray to extinguish.

Storage

Store in well-ventilated place. Keep cool.

Disposal:

Dispose of contents/container to...

Other hazards which do not result in classification: /

SECTION 4 HAZARDS SUMMARISING

NFPA Acute Hazard Rating: Health 2, Flammability 3, Reactivity 0.

HMIS Acute Hazard Rating: Health 2, Flammability 3, Reactivity 0.

Combustible.

No health hazard during storage and application.

SECTION 5 USAGE

Primer is used to steel pipe anticorrosion for transmission medium temperature of -30°C / +70°C. It is applied to the appropriately prepared pipe surface before application of inner layer tape. The function of primer is to provide a bonding medium between the pipe surface and the inner layer for both hand and machine application.

1. Steel pipe surface pre treatment:

1.1 Keep the pipe surface clean and dry. Remove the dust, welding slag, burrs, grease and dirt on pipe surface.

1.2 Pipe surface prepared up-to level of Sa 2 or 2 ½ by brush or St 2 by sand blasting.

2. Brush primer:

2.1 The primer should be applied within 8 hours since the pipe surface treatment.

2.2 In the case that primer is not mixed (bi component), please mix it accordingly before brushing.

2.3 The primer should be brushed uniformly, avoiding defects such clots, spots, etc.

2.4 After the primer is dry (it usually takes 5 to 10 minutes), then wrap the inner tape. The performance of primer is about 8 m² of steel pipe / litre.

SECTION 6 SAFETY AND SANITATION

Primer belongs to combustibles. It should kept sealed, storage in a cool dry place. Prevent exposure to direct sunshine, and keep far away from any fire or heat source. If case of burning should be used sand or carbon Dioxide (fire extinguishers). Do not use water. For safety reasons, water is not suitable as an extinguishing agent.



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SECTION 7 PROTECTIVE MEASURES

Respiratory protection: Potential exposure, should wear masks.
Eye protection: general need special protection
Protective clothing: Use appropriate clothes to minimise direct contact
Hand protection: Wear protective gloves.

SECTION 8 EMERGENCY TREATMENT AND DISPOSAL METHODS

Eye Contact: Flush with water and call for Medical Assistance
Skin Contact: Immediately wash with soap and water and rinse thoroughly. Remove and wash contaminated clothing.
Inhalation: In case of overexposure, look for fresh air. Administer oxygen or artificial respiration, if necessary. Call for Medical Assistance.
Ingestion: Seek for Medical Treatment
Firefighting methods: Carbon Dioxide (CO₂), Sand

SECTION 9 LEAK EMERGENCY TREATMENT

Isolate leakage polluted area with warning signs. It is recommendable that the staff working in the area. Do not contact the spill directly. Transfer the leaking drum to a safe place. If large spills, recycle or collect According to the National regulations.

SECTION 10 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black Liquid	PH: N/A	Physical State: Liquid	Solubility in water: Not mixable
Specific Gravity (H₂O) 0.77	Melt Point: N/A	Freezing Point: Not Established	Reactivity in water: N/A
Boiling Point: N/A	Auto-Ignition Temp.: No self-igniting	Flash Point: 0-20° C (ASTM D93)	Solid Content: 27-30% (ISO 1515)
Viscosity at +23°C (out flow time, 4mm nozzle): 40±5 S (ASTM D1200)	Application Temp.: 0-60°C	Shelf Life: 3 years	

SECTION 11 STABILITY AND REACTIVITY

Relatively stable, avoid contact with flame. Non polymerisation harmful, no decomposition.

SECTION 12 TOXICOLOGICAL INFORMATION

It is a mixture of xylene and butyl rubber, non-toxic.

SECTION 13 ECOLOGICAL INFORMATION

Non biological effects. Non-biodegradable.



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SECTION 14 TRANSPORT INFORMATION

14.1 Classification of the substance in compliance with UN Recommendations

UN-number : 1139
CLASS : 3
SUB RISKS : -
PACKING GROUP : II

14.2 ADR (transport by road)

CLASS : 3
PACKING GROUP : II
CLASSIFICATION CODE : F1
DANGER LABEL TANKS : 3
DANGER LABEL PACKAGES : 3
PROPER SHIPPING NAME :
Coating solution, Special provision 640D

14.3 RID (transport by rail)

CLASS : 3
PACKING GROUP : II
CLASSIFICATION CODE : F1
DANGER LABEL TANKS : 3
DANGER LABEL PACKAGES : 3
PROPER SHIPPING NAME :
Coating solution, Special provision 640D

14.4 ADNR (transport by inland waterways)

CLASS : 3
PACKING GROUP : II
CLASSIFICATION CODE : F1
DANGER LABEL TANKS : 3
DANGER LABEL PACKAGES : 3

14.5 IMDG (maritime transport)

CLASS : 3
SUB RISKS : -
PACKING GROUP : II
MFAG : -
EMS : F-E, S-E
MARINE POLLUTANT : P
PROPER SHIPPING NAME :
Coating solution, Special provision 640D (heptane and isomers: octane and isomers) MARINE POLLUTANT

14.6 ICAO (air transport)

CLASS : 3
SUB RISKS : -
PACKING GROUP : II
PACKING INSTRUCTIONS PASSENGER AIRCRAFT : 305/Y305
PACKING INSTRUCTIONS CARGO AIRCRAFT : 307

14.7 Special precautions : none

15.8 Limited quantities (LQ) :

When substances and their packaging meet the conditions established by ADR/RID/ADNR in chapter 3.4, **only** the following prescriptions shall be complied with:

each package shall display a diamond-shaped figure with the following inscription:

- 'UN 1139'

or, in the case of different goods with different identification numbers within a single package:

- the letters 'LQ'



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SECTION 15 DISPOSAL

The empty cans could be recycled. Please recycle according to the National Regulations.

SECTION 16 REGULATORY INFORMATION

No legal provisions and standards

SECTION 17 OTHER INFORMATION

N/A.