

YTM PRIMER – LIQUID ADHESIVE PRIMER



WARNING

SECTION 1 IDENTIFICATION

Product name	YTM Primer – Liquid Adhesive Primer
Use	Pipe corrosion protection (primer for cold-applied tape systems)
Supplier	YTM Makina Enerji İnşaat San. Tic. Ltd. Şti.
Address	Soğanlık Yeni Mah. Atatürk Cad. No:6/1 Else Apt. Daire 9, Kat 8, 34880 Kartal / İstanbul, Türkiye
Telephone	+90 216 306 40 44 · Mobile +90 542 306 40 43
E-mail / Web	sales@ytmmak.com.tr · www.ytmmak.com.tr
Emergency telephone	National Poison Information Centre (UZEM): 114

SECTION 2 COMPONENTS / COMPOSITION INFORMATION

Description	Black liquid consisting of butyl rubber and synthetic compound, with xylene as solvent
CAS No. (xylene)	1330-20-7
Chemical family	Mixture

SECTION 3 HAZARDS IDENTIFICATION

Classification	Flammable Liquid Category 3 (UN 1139) · Acute Toxicity (Dermal) Category 4 · Acute Toxicity (Inhalation) Category 4 · Skin Corrosion/Irritation Category 2
Signal word	Warning
Hazard statements	Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation.
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/vapours/spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
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 CENTRE/doctor if you feel unwell. If skin irritation occurs: get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell. In case of fire: use foam, dry chemical powder, carbon dioxide, water spray to extinguish.
Storage	Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container in accordance with local regulations.
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
Remarks	Combustible. No health hazard during storage and application.

SECTION 5 USAGE

The primer is used for steel pipe anticorrosion for transmission medium temperatures of $-30\text{ }^{\circ}\text{C}$ / $+70\text{ }^{\circ}\text{C}$. It is applied to the appropriately prepared pipe surface before application of the inner layer tape. The function of the 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 dust, welding slag, burrs, grease and dirt from the pipe surface. 1.2 Prepare the pipe surface to St 2 by wire brush or Sa 2 – Sa 2½ by blast cleaning.

2. Brushing the primer: 2.1 The primer should be applied within 8 hours of the pipe surface treatment. 2.2 If the primer is a two-component product, mix it accordingly before brushing. 2.3 The primer should be brushed uniformly, avoiding defects such as clots, spots, etc. 2.4 After the primer is dry (usually 5 to 10 minutes), wrap the inner tape. Primer coverage is approx. 8 m² of steel pipe per litre.

SECTION 6 SAFETY AND SANITATION

The primer is combustible. It should be kept sealed and stored in a cool, dry place. Prevent exposure to direct sunshine and keep far away from any fire or heat source. In case of burning, sand or carbon dioxide (fire extinguishers) should be used. Do not use water – for safety reasons water is not suitable as an extinguishing agent.

SECTION 7 PROTECTIVE MEASURES

Respiratory protection	In case of potential exposure, wear a mask
Eye protection	General – special protection needed
Protective clothing	Use appropriate clothing 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, move to fresh air. Administer oxygen or artificial respiration if necessary. Call for medical assistance.
Ingestion	Seek medical treatment
Fire-fighting methods	Carbon dioxide (CO ₂), sand

SECTION 9 LEAK EMERGENCY TREATMENT

Isolate the polluted leakage area with warning signs; only trained staff should work in the area. Do not contact the spill directly. Transfer the leaking container to a safe place. For large spills, recycle or collect according to national regulations.

SECTION 10 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black liquid
pH	N/A
Physical state	Liquid
Solubility in water	Not miscible
Specific gravity (H ₂ O)	0,77
Melting point	N/A
Freezing point	Not established
Reactivity in water	N/A
Boiling point	N/A
Auto-ignition temperature	No self-ignition
Flash point	0–20 °C (ASTM D93)
Solid content	27–30 % (ISO 1515)
Viscosity at +23 °C (outflow time, 4 mm nozzle)	40 ± 5 s (ASTM D1200)
Application temperature	0–60 °C
Shelf life	3 years

SECTION 11 STABILITY AND REACTIVITY

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

SECTION 12 TOXICOLOGICAL INFORMATION

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

SECTION 13 ECOLOGICAL INFORMATION

No biological effects. Non-biodegradable.

SECTION 14 TRANSPORT INFORMATION

UN number	1139
UN class / sub-risks / packing group	3 / – / II
ADR (road)	Class 3 · PG II · Classification code F1 · Danger label (tanks / packages) 3 / 3 · Proper shipping name: Coating solution, special provision 640D
RID (rail)	Class 3 · PG II · Classification code F1 · Danger label (tanks / packages) 3 / 3 · Proper shipping name: Coating solution, special provision 640D
ADNR (inland waterways)	Class 3 · PG II · Classification code F1 · Danger label (tanks / packages) 3 / 3
IMDG (sea)	Class 3 · Sub-risks – · PG 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
ICAO (air)	Class 3 · Sub-risks – · PG II · Packing instructions passenger aircraft 305/Y305 · cargo aircraft 307
Special precautions	None
Limited quantities (LQ)	When substances and their packaging meet the conditions of ADR/RID/ADNR chapter 3.4, only the following shall be complied with: each package shall display a diamond-shaped figure with the inscription 'UN 1139', or, for different goods with different identification numbers within a single package, the letters 'LQ'.

SECTION 15 DISPOSAL

The empty cans can be recycled. Please recycle according to national regulations.

SECTION 16 REGULATORY INFORMATION

No legal provisions and standards.

SECTION 17 OTHER INFORMATION

N/A

The information in this safety data sheet is based on the present state of our knowledge and is given in good faith. It describes the product with regard to health, safety and environmental requirements and is not a specification of the product. Users must comply with all applicable international, national and local regulations.
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