

TDS 1263

REVIEW: 01/2015

Standards: PETROBRÁS N-1277 D,

ALUMAR ET-02 and ELETRONUCLEAR ETN II b 1

Rezinc PRZ 524

Component A: 524.0940

Component B: 822.0404



Rezinc PRZ 524 uses specially selected raw materials, providing cathodic protection to the system.

TECHNICAL CHARACTERISTICS**TYPE**

Epoxy zinc rich primer, two pack system.

USAGE

Recommended for floodgate, hatchway lids, metal structures and equipment that require high performance protection.

TECHNICAL INFORMATION

COLOR	Grey		
FINISH	Matt		
VOLUME SOLIDS	75% ± 2	According to ISO 3233	
WEIGHT PER LITER	3,400 ± 0,05 g/ml	According to ASTM D 1475	
FLASH POINT	32°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	8,0
	Comp. B	3,0	1,0
POT LIFE (25°C)	8 h		
INDUCTION TIME	15 to 30 min		
THEORETICAL SPREADING RATE	11,5 m ² /l - 65 µm		
WET THICKNESS	87 µm		
DRY THICKNESS	65 µm		
DRYING TIME, for 65 µm		25°C	

		Minimum	Maximum
	Touch		30 min
	Handle		8 h
	Recoat	18 h	72 h

ENVIROMENTAL CONDITIONS	Temperature	Should be between 5 to 52°C
	Relative Humidity	Between 30 to 85%
	Dew Point	Surface temperature is at least 3°C above dew point
	Thinner	420.0000

Brush	It is not necessary dilution. This method must be used only for retouch and backing of welding cords and corners.
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Roller	Dilute up to 10% (vol.) with recommended thinner. Must be used solvent resistant roller (sheep wool). The wool must be cutted (small size) to avoid blistering during the application.
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APPLICATION	Dilute up to 10% (vol.) with recommended thinner.
Conventional Spray Gun	Conventional DeVilbiss JGA 502 EX 67 spray gun or similar. Spray pressure between 2,5 to 3,5 kgf/cm ² (35 to 50 psi). Tank pressure between 0,5 to 1,5 kgf/cm ² (7 to 21 psi). Use pressure tank with stirrer.
AirLess Spray Gun	Dilute up to 10% (vol.) with recommended thinner. Use nozzles between 21 to 27 and pump pressure between 175 to 210 kgf/cm ² (2500 to 3000 psi).

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SURFACE PREPARATION	Direct over carbon steel	Blast cleaning ISO 8501-1 Sa 2 ½ recommended. The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants.
	Recommended Primers	Not applicable
	Recommended TopCoat	Not applicable

SHELF LIFE 6 months**UN NUMBER** 1263**HAZARD NUMBER** 33

IMPORTANT RECOMMENDATIONS

1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
2. The weight/l, viscosity and drying values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones.
3. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
4. Low temperatures increase the curing time. At temperatures below 10°C, please contact our technical department.
5. Zinc is an abrasive material. If you want a larger conservation pistol and final quality of the application, use DeVilbiss JGA 5023 EE 67 (tungsten carbide) or similar.

SAFETY PRECAUTIONS

1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
 2. Storage: keep the product in sheltered, well-ventilated areas. Maximum temperature: 40°C. Must not be directly exposed to the sun.
 3. Flammable: flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
 4. Inhalation: Avoid breathing vapors, keeping proper ventilation during application and drying.
 5. Handling: wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area.
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HEALTH HAZARDS

1. Skin contact: wash affected area thoroughly with neutral soap.
2. Clothing contact: remove clothing and wash it.
3. Leakage: Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
4. Fire: protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
5. Eyes contact: flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.

IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).
