

## Corrosion protection

### eska<sup>®</sup>phor P 354



#### Product characteristics and performance features

- Passivating agent
- Excellent temporary corrosion protection
- Improves the corrosion resistance of metal surfaces
- Submersible and sprayable
- Foam-free



#### Application range

eska<sup>®</sup>phor P 354 is used for the passivation of steel and cast iron by dipping and spraying. It is suitable for the post-treatment of metal surfaces, iron and zinc phosphate coatings. The product is also used as a leak test agent in so-called press-off baths.

## eska<sup>®</sup>phor P 354



### Advantages and benefits

- Advantage: Good corrosion protection for temporary interim storage  
**Benefit: Sustainable through protection and value retention of the component**
- Advantage: No clouding of the bead breaking bath  
**Benefits: Long service life and a clear view of the component at all times**
- Advantage: Salt-free product  
**Benefit: Low residue formation and therefore clean surfaces**



### Technical data

- Density (20°C): approx. 1.12 g/cm<sup>3</sup>  
 pH value (1% solution): approx. 9.6



### Preparation and operating data

- Concentration: 0.2 - 3.0 % by volume  
 Bath temperature: Room temperature - 80 °C  
 Treatment time: 1 - 10 min

The pH value of the bath solution must not fall below pH 8.0, otherwise the passivating agent will no longer be effective.

- Bath monitoring: 10 ml bath solution  
 Methyl orange indicator solution (yellow-orange/red; pH 4.0)  
 0.1 N hydrochloric acid Standard solution  
 tap water factor 0.14

**Concentration (vol. %) = consumption of measured solution (ml) x factor**  
 (see also titration instructions eska<sup>®</sup>phor products for bath monitoring)



### Supplementary documents

Slight variations in colour and appearance between individual product batches have no influence on the quality and functionality of the product. The information is based on technical knowledge and experience.

For information on the safe handling of our product, please refer to the corresponding safety data sheet.

The above information corresponds to the current state of science and technology for the relevant products. Our advice does not release you from the necessity to check our products for suitability for use in your company and for the special requirements there.  
**Important note:** Our products are intended exclusively for industrial use.

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