



# Penetrant Testing

## Product information

### MR® 70 I Developer (AMS 2644) Form e

#### PRODUCT DESCRIPTION

- Developer for Penetrant Testing according to EN ISO 3452-1 and ASTM E1417
- Listed on QPL SAE AMS 2644 (QPL)
- Form d and e according to EN ISO 3452-2
- Form e according to AMS 2644
- Mixture of alcohol and ketone based
- **Dries quickly**
- High absorption effect
- Creates a thin homogeneous layer
- Shows clear indications
- Aerosol can is overhead sprayable – 360°
- Suitable for all metals  
(suitability for plastics needs testing prior to use)

#### PICTURE



#### PRODUCT CHARACTERISTICS

Form:	white suspension
Basis:	solvent
Flash point (bulk):	-19 °C
Density:	0,830 g/cm <sup>3</sup>
Kinematic viscosity 20°C:	0,8192 mm <sup>2</sup> /s
Sensitivity:	clear indications
Evaporation time:	fast
Propellant (aerosol can):	propane/butane
Odour:	significant

#### APPROVALS/SPECIFICATIONS

EN ISO 3452-2	✓
AMS 2644	✓
QPL SAE AMS 2644	✓
ASTM E1417	✓
ASTM E165	✓
ASME Code V, Art. 6	✓
ASME	✓
RCC-M	✓

Low content of halogens and sulphur according to EN ISO 3452-2 and ASME Code, Section V, Article 6, T-641.

#### DELIVERY FORM



(1 box = 12 cans)

#### MINIMUM SHELF LIFE

- Bulk: 4 years, stored at storage temperature
- Aerosol: 3 years, stored at storage temperature

#### TEMPERATURES

- Storage: +5 - +45°C
- Usage: +4 - +52°C

#### FURTHER INFORMATION

- Process description according to EN ISO 3452-1 available on request or on [www.mr-chemie.de](http://www.mr-chemie.de).
- Process description according to ASTM E1417 see product information MR® 62 or MR® 311-R (AMS)