



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-41-8884-025

Steel Test Reagent For 304/316 Molybdenum Test

Steel composition directly affects steel quality, uses as well as rate of materials. Chemicals stain observation is best and typical suitable method for understanding quality of STEEL.

Components :::

RXSOL-SS1

RXSOL-SS2

Emery Paper

Unscrew the 2 caps of the 2 bottles

Empty the bottle of Reagent RXSOL-SS1 (60 ml) in the bottle of Reagent RXSOL-SS2 (250 ml)

Screw the tip "dropper" on the bottle

Shake the bottle before use to make sure that it properly mixed.

Choose a surface enough levelled, smooth and horizontal of 1 to 3 cm³.

Clean it by rubbing with an emery paper as the one supplied with the bottle on the prepared surface. Stir gently with the included spatula during the whole test. Do not spread the pasta.

Work preferably at a temperature between 15 and 25 degree C (more time is required for lower temperatures). When the steel contains no molybdenum the colour does not change (during the first minutes).

While RXSOL MIX Reagent gradually turns to brown in case of steel with more than 0.15% of molybdenum. When the molybdenum value is higher than 1.5%; the reagent turns to intensive brown cholocate.

Browning speed increases with molybdenum content; In the 18/8 standard steels, it's recommended to make comparative tests on the two MO material is distinguished by its lower reactions rate.

In that case, the user has to clean the spatula between the two tests. The reagent easily characterizes nickel-molybdenum alloys of hastelloy B type, with very high molybdenum content. The colour becomes clearly brown after 5 minutes. It has not effect in the case of nickel-molybdenum-chromium alloys of the hastelloy C type.

After use replace the cap on the bottle. Rinse thoroughly the tested surface. Contains acid mixture.

IMPORTANT

- After use replace the cap on the bottle.

- Rinse thoroughly the tested surface.
- Contains 9% of hydrochloric acid.

SECURITY

See safety data sheet in annex.

Strictly Avoid Contact with SKIN , EYE and any part of BODY.

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