



24.09.2008

## Technical Product Bulletin

# Multan F 7160

## Synthetic drawing compound

MULTAN F 7160 is a water-based synthetic drawing compound formulated for use on plain steel and aluminium. This product is not specifically inhibited to prevent leaching of cobalt from carbide tooling.

- Application:** MULTAN F 7160 can be applied by spraying, brush, or roll coating. It can be diluted with water up to 10:1. The appropriate ratio is determined by the lubricity and corrosion protection requirements of the process.
- Control:** Refractometer:  
The reading in °Brix multiplied by the product factor 2.1 gives the concentration in percent.
- Substrates:** MULTAN F 7160 can be used to form plain steel, aluminum, and stainless steel.
- Performance Characteristics:** MULTAN F 7160 is compatible with downstream processes such as most water-based cleaning, phosphate and paint systems as well as welding operations.
- Physical Properties:**
- |                   |                 |
|-------------------|-----------------|
| Solids:           | 60 % by weight  |
| pH (as received): | 8.2 ± 0.2       |
| Specific Gravity: | 1.029 g/ml      |
| Boiling Point:    | 100 °C          |
| Freezing Point:   | 0 °C            |
| Flash Point:      | none to boiling |
| Refractive Index: | 1.412           |
- Health and Safety:** Please consult the Material Safety Data Sheet for more details on the safe handling of this product.
- Disposal:** Dispose of this product according to the local, state and federal regulations. Refer to Material Safety Data Sheet for specific disposal criteria relating to this product.

**The expiry date of the product is given on the packaging labels.**

The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control, we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation, except for cases we are liable of gross negligence or false intention.