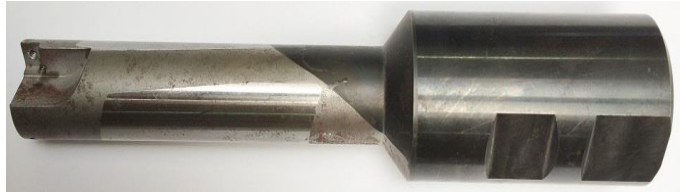


COLD BLACKENING solution BLACK NIGHT



Advantages

- in liquid form
- works well at room temperature
- smooth, abrasion resistant black colour on steel, iron and castings
- good anticorrosion protection; esp. in combination with protective oils and waxes, e.g., IROWAX -100.

Application

The workpieces have to be thoroughly degreased and free from tinder, oxides. Greasy and oily soilings of the surface can be cleaned by using an alkaline or solvent-containing bath, e.g. DEAGREASER D 40, ORANOL, ETHYL ACETATE and similar.

Preparation of solution and procedure of cold blackening

For low alloy steels (normal construction steel, etc.), the blackening concentrate should be diluted with water to a proportion of 1:3 and let work in for 3 to 5 minutes. For steels with a chrome content of under 3%, it should be diluted in ratio 1:2 and let work in for 6 to 8 minutes.

For steels with a chrome content of 3% to 12% and for steels with a nickel content of up to 0,6%, the undiluted concentrate can be used while letting it work for 8 to 10 minutes.

Dip the prepared objects in the blackening solution at room temperature for a.m. times.

Washing of the objects after the first treatment is recommended, the surface should be wiped with a cloth and the blackening treatment should be repeated at least one more time. With that procedure, deeper blackening effect will be reached.

After drying, the protective wax IROWAX -100 can be applied by dipping or coating.

Safety

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. In case of contact with eyes rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. In case of contact with skin wash with plenty of soap and water. Avoid release to the environment. Dispose of contents/container to adequate disposal. Avoid contamination. Do not use on aluminium, toxic hydrogen selenide may be released.

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



SAMSON KAMNIK d.o.o. Kovinarska cesta 28, SI-1240 KAMNIK, SLOVENIJA

Tel: 00386 1 83 17 255, 01 83 19 260 Fax: 00386 1 83 17 179 samson@samson-kamnik.si www.samson-kamnik.si
www.revivo.si www.naravno.info www.kompoziti.si www.naredi.eu