



Product Bulletin

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BLACK MAGIC[®] RT-A

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BLACKENING PROCESS FOR ALUMINUM

BLACK MAGIC RT-A room temperature blackening process produces a black chemical conversion finish on aluminum and aluminum alloys. The **BLACK MAGIC RT-A** is a concentrated liquid and used at room temperature. It can be used as received or cut with water, depending upon the application. **BLACK MAGIC RT-A** can be applied by either immersion or brush.

BLACK MAGIC RT-A, when used to produce a black finish on aluminum, is used as received in the concentrated liquid form. However, if antique finishes are required, the **BLACK MAGIC RT-A** liquid concentrate can be cut with water (one part concentrate up to three parts or more water). It is also used as a touch-up for black anodized surfaces.

FINISHING PROCEDURE

1. Parts should be cleaned by alkaline cleaning, degreasing or solvent emulsion-type cleaning. Any oxide or smut on the aluminum surface should be removed. This can be accomplished by acid pickling or Mitchell-Bradford's Al-Smut Remover.
2. Immerse in **BLACK MAGIC RT-A** until the pieces take on a good black color. Agitation may speed coloring.
3. Rinse in clean, running water and dry.
4. Depending upon the specific application, the color and corrosion resistance can be enhanced by application of a wax, oil or lacquer. There are available a line of Rust Pel[®] finishes to meet these requirements.

EQUIPMENT

Plain plastic containers can be used for the **BLACK MAGIC RT-A** solution or plastic-lined tanks.

Read and understand Material Safety Data Sheet prior to working with or handling this material.

CAUTION: THIS MATERIAL CONTAINS POISON. MAY BE FATAL IF SWALLOWED.

WARRANTY

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.