

Black-Magic[®] RT A

Black-Magic RT A is a room temperature blackening solution that produces a black chemical conversion finish on aluminum and aluminum alloys.

Features & Benefits

Use for touch- up	Black anodized aluminum
Can be used diluted	Antiquing aluminum

Operating Conditions

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). Black-Magic RT A can be applied by either immersion or brush. 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. A Hubbard-Hall representative can recommend an appropriate cleaner. Any oxide or smut on the aluminum surface should be removed. This can be accomplished by the appropriate Hubbard-Hall acid salt or dioxide.
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 desired finish and /or corrosion resistance can be enhanced by application of the appropriate Hubbard-Hall Metal Guard product.

Note: Black-Magic RT A is a concentrated solution. Over time it is normal to see a blue precipitate form over time on the container walls and bottom. The formation of the precipitate does not affect the performance of the product.



Cleaning
the Hard to Clean



Finishing
the Hard to Finish



Treating
the Hard to Treat

Equipment

Plain plastic containers can be used for the Black-Magic RT A solution or plastic-lined tanks.

Caution

THIS MATERIAL CONTAINS POISON. MAY BE FATAL IF SWALLOWED.

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

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.

Our people. Your problem solvers.

For more information on this process please call us at

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