



TECHNICAL INFORMATION SHEET

ECO SMART® HIGH HEAT BLACK BRAZING POWDER

DESCRIPTION:

For brazing carbide, steel, stainless steel, Monel®, nickel, copper, brass, bronze and other ferrous and non-ferrous metals and alloys. Use with Stay-Silv®, Safety-Silv® and other brazing filler metals. Eco High Heat flux powder extends the heating process allowing for higher heating. This is exceptionally helpful during longer part heating cycles, or in cases of intense localized heating, such as induction brazing.

ACTIVITY RANGE:

700 – 1800°F (371 – 982°C)

APPLICATION:

Flux is excellent for hot-rodding (Dipping the heated end of the brazing rod into the flux powder to achieve a flux coat). Eco Smart High Heat powder can be mixed with water or alcohol to form a paste, then applied to base metal.

AVAILABLE CONTAINERS:

1/2 lbs. 250g and 400g container

SPECIFICATION COMPLIANCE:

AWS A5.31 Class FB3-J, Federal. Spec. OF 499 (Type B), ISO 18496 type FH12 (formerly EN 1045), AMS 3410

SAFETY INFORMATION:

WARNING: CONTAINS FLUORIDES.

PROTECT YOURSELF AND OTHERS. Read and understand this information.

BURNS EYS AND SKIN. CAN BE FATAL IF SWALLOWED.

FUMES AND GASES can be hazardous to your health.

HEAT RAYS, (infrared radiation) from flames or hot metal can injure eyes.

- Before using it, read and understand the manufacturer's instructions, Material Safety Data Sheets (MSDS), and your employer's safety practices.
- Keep your head out of fumes.
- Use enough ventilation, exhaust at the flame, or heat source, to keep fumes and gases from your breathing zone and the general area.
- Wear correct eye, ear, and body protection.
- See American National Standard Z49.1, *Safety in Welding, Cutting, and Allied Processes*, published by the American Welding Society, 8669 Doral Blvd., Doral, Florida 33166; OSHA Safety and Health Standards, available from the U.S. Government Office, Washington, DC 20402.

STATEMENT OF LIABILITY- DISCLAIMER:

Any suggestion of product applications or results is given without representation or warranty, either expressed or implied. Without exception or limitation, there are no warranties of merchantability or of fitness for a particular purpose or application. The user must fully evaluate every process and application in all aspects, including suitability, compliance with applicable law and non-infringement of the rights of others. The Harris Products Group and its affiliates shall have no liability in respect thereof.

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Additional information available at our web site: www.harrisproductsgroup.com