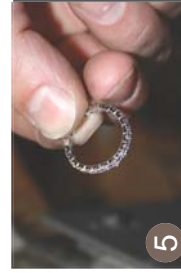


9 out of 10 Bench Jewelers want Firescoff® Rh Flux to protect their jewelry during repairs



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Gently heat jewelry to ~250°F (120°C).

Tip: Gage the temperature by placing a drop of water on the metal surface. Apply heat until the water boils off completely, then Firescoff® Rh.

Apply Firescoff® Rh at start of a repair to protect rhodium.

Spray Firescoff® Rh so that a fine mist coats the entire piece. When applied correctly, Firescoff® Rh will form a uniform white powder coating instantly on contact.

Gently reheat coated jewelry. Apply more Firescoff® Rh if a reflection from the metal is still visible.

Because Firescoff® Rh also performs as a flux, no other paste or liquid flux is required.

Tip: When using paste solder, apply paste solder first, then Firescoff® Rh.

Remove Firescoff® Rh coating after resizing or repair easily using just warm water, or ultrasonic bath. No acid pickle is required.

NOTE: At low temperatures, or if the bottle seal is broken, ceramic crystals may form at the bottom in the bottle. This may temporarily impact pump / spray performance. To return crystals back into solution, place the entire bottle in hot water or heated ultrasonic bath for 10-15 minutes.

Manufactured by:



Visit www.Nventa.com for more tips & techniques or call 1-800-535-4980

Firescoff®

MJSA Award Winning Ceramic Spray



Introducing Firescoff® Rh Ceramic coating technology that protects and prevents rhodium plated jewelry from turning black during resizing or repair. Avoid the need, time and cost required to strip and re-electroplate rhodium coatings.

The Firescoff® Rh Advantage

- Industry leading Rhodium protection
- Eliminates Rhodium stripping & buffing
- Save time and \$\$\$
- Multiple repairs w/ single application
- 75% reduction in repair time
- Maintains original metal color & patina
- Fluoride free (safe for corundum)
- Alcohol free (non flammable)
- No outgassing (Refer to MSDS)
- Replaces traditional firecoat & flux
- Easy warm water clean-up
- MJSA Award Winning ceramic technology!
- Toll Free 1-800 technical support



MATERIAL SAFETY DATA SHEET

MSDS #: 896223-00049-1 r2

Issue Date: 03/26/2010

Firescoff® Rh MSDS (Continued)

Page 2 of 2

SECTION I – CHEMICAL PRODUCT	
Identity: Firescoff® Rh Rhodium protection & Ceramic Flux	
Hazard Rating:	1 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Minimal
Health:	1
Flammability:	0
Reactivity:	0
National Emergency Poison Control Hotline:	1-800-222-1222
Emergency Telephone Number:	1-800-535-4980
Or call Local Poison Control Center or your physician	

SECTION II – COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name (May contain one or more of the following: Water, antioxidants), ceramic matrix compound(s), non-metallic oxides, dissolution dispersing aid(s), cleaning agent(s), stabilizing agent(s)

Potentially Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200(g):

CAS	CONC	NIOSH
7664-38-2	<2 %	1 mg/m3 TWA

A Little Firescoff® Rh Turns Pickle Green with Envy



Introducing NEW Firescoff® Rh - A revolutionary spray ceramic coating that prevents scale, acts as a flux, and comes off with just warm water. Lose the pickle, and

●○○○○

- Start by gently heating jewelry to ~250°F (-120°C) Tip: Gauge the temperature by placing a drop of water on the metal surface. Apply heat until the water boils off, then apply Firescoff® Rh.
- Spray Firescoff® Rh so that a fine mist evenly coats the entire piece. With proper heat, the Firescoff® Rh coating will instantly turn white. For best results, apply Firescoff® Rh holding the bottle ~8 inches from jewelry.
- Gently reheat the coated jewelry. Apply additional Firescoff® Rh where a reflection from the metal or any gemstones is still visible. Tip: For faster solder flow, apply more Firescoff® Rh.
- Because Firescoff® Rh is also a flux, not other paste flux is necessary. Tip: When using paste solder, apply paste solder first then Firescoff® Rh.
- Remove Firescoff® Rh without the need of a pickle solution by using warm water or ultrasonic bath.

Questions? Call our tech line at 1-800-535-4980.

Nventia Incorporated, Scottsdale Arizona, www.Firescoff.com

SECTION V – FIRE FIGHTING INFORMATION	
Extinguishing Media:	Substance is noncombustible. Use any fire-fighting agent appropriate for surrounding material.
Flash Point (Method Used):	N/A
Explosive Limits: LEL:	N/A
UEL:	N/A
Special Fire Fighting Procedures:	None
Unusual Fire Hazards:	None
Stability:	Stable
Conditions to Avoid:	None known
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None known
SECTION VI – ACCIDENTAL RELEASE MEASURES	
Personal Precautions:	None
Environmental Precautions:	DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL REGULATIONS. Solutions may be allowed to be flushed down sewer. First check with your local water treatment plant. Please do not landfill.
Steps To Be Taken in Case Material is Released or Spilled:	Sorbents may be used. Read "Disposal Considerations" below for further information.
SECTION VII – HANDLING AND STORAGE	
Precautions To Be Taken in Handling and Storage:	Avoid low temperature.
Storage Temperature:	Recommended 72° to 120° F (25° to 49° C)
Shelf Life:	18 months
Other Precautions:	Store in closed container.
SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION	
Respiratory Protection (Specify Type):	None required with normal use.
Ventilation:	Local Exhaust: None required with normal use. Mechanical (General): Normal/general dilution ventilation is acceptable.
Eye Protection:	None required with normal use. Industrial Setting: For splash and liquid vapor protection, use chemical goggles. Eye wash fountain is desirable.
Protective Gloves:	None required with normal use.
Other Protective Equipment:	None required with normal use. <i>Industrial Setting:</i> Avoid confined space entry without supplemental breathing air.
SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES	
Boiling Point *F:	N/A
Vapor Pressure (mm Hg):	N/A
Vapor Density (Air=1):	N/A
Evaporation Rate (nBuOAc=1):	N/K
Appearance and Odor:	Clear liquid / white ceramic powder coating.
Specific Gravity (H ₂ O = 1):	ca. 1.2
Freezing Point:	N/A
pH (100% solution):	> 7 (basic)
Solubility in Water:	Completely
SECTION X – STABILITY AND REACTIVITY	
Chemical Stability:	Stable under normal conditions. Rapid crystallization with heating. Absorbs oxygen and carbon dioxide from the air.
Possible Hazardous Reactions/Conditions:	In very rare cases, may react with strong oxidizers, metal hydrides, or alkali metals generating hydrogen gas, which could create an explosion hazard.
Materials / Conditions to Avoid:	Strong oxidizers, low temperatures.
Hazardous Decomposition Products:	May include inorganic metal and non-metal oxides.
SECTION XI – TOXICOLOGICAL INFORMATION	
Water based ceramic fluxes have a low order of toxicity.	
SECTION XII – ECOLOGICAL INFORMATION	
In large quantity at high concentration, soluble ceramic compounds may cause damage to trees or vegetation by root absorption.	
SECTION XIII – DISPOSAL CONSIDERATIONS	
Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.	
SECTION XIV – TRANSPORT INFORMATION	
Firescoff® Rh contains no alcohol and is non-hazardous under DOT. This material approved for shipment via commercial passenger air-freight.	
SECTION XV – ADDITIONAL REGULATORY INFORMATION	
All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5. No components of Firescoff® Rh are subject to California Proposition 65 labeling. This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.	
* N/A – Not Applicable * N/K – Not Known	
The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.	
The information contained herein has been compiled from sources considered by Nventia Incorporated to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Nventia Incorporated assumed no responsibility for injury to the recipient or third persons for any damage to any property resulting from misuse of the controlled product.	

CAUTION: Brazing may produce fumes and gases hazardous to health. Avoid breathing these fumes and gases. Use adequate ventilation. See ANSI Z49.1, Safety in Welding and Cutting published by the American Welding Society, 550 N.W. 42nd Ave., Miami, FL 33126