TECHNICAL INFORMATION SHEET

STAY SILV® 50N BRAZING FILLER METAL

CHEMICAL COMPOSITION %:

<table>
<thead>
<tr>
<th>Element</th>
<th>Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver</td>
<td>49.0-51.0</td>
</tr>
<tr>
<td>Zinc</td>
<td>13.5-17.5</td>
</tr>
<tr>
<td>Copper</td>
<td>14.5-16.5</td>
</tr>
<tr>
<td>Cadmium</td>
<td>15.0-17.0</td>
</tr>
<tr>
<td>Nickel</td>
<td>2.5-3.5</td>
</tr>
<tr>
<td>Other (Total)</td>
<td>0.15</td>
</tr>
</tbody>
</table>

PHYSICAL PROPERTIES:

- Solidus: 1170°F (632°C)
- Liquidus: 1270°F (688°C)
- Density: 4.99 troy ounces per cu.in.
- Electrical Conductivity: 18.0% IACS

RECOMMENDED FLUX:

Stay-Silv® white flux is suitable for many applications. Stay-Silv® black brazing flux is often used to braze stainless steel, tungsten carbide, or where heating cycles are prolonged or heat is focused as in induction furnace brazing.

SAFETY INFORMATION:

WARNING: PROTECT yourself and others. Read and understand this information.

CONTAINS CADMIUM – FUMES ARE POISONOUS AND CAN KILL – DO NOT BREATHE FUMES. EVEN BRIEF EXPOSURE TO HIGH CONCENTRATIONS SHOULD BE AVOIDED.

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

- Before use, 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.

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