TECHNICAL INFORMATION SHEET

STAY SILV® 2LP BRAZING FILLER METAL

NOMINAL CHEMICAL COMPOSITION%:

<table>
<thead>
<tr>
<th>Element</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver</td>
<td>1.8-2.2</td>
</tr>
<tr>
<td>Copper</td>
<td>Remainder</td>
</tr>
<tr>
<td>Phosphorus</td>
<td>6.4-6.5</td>
</tr>
<tr>
<td>Other (Total)</td>
<td>0.15</td>
</tr>
</tbody>
</table>

TYPICAL PHYSICAL PROPERTIES:

- Solidus: 1190°F (643°C)
- Liquidus: 1500°F (816°C)
- Brazing Range: 1350°F - 1550°F (732°C - 843°C)

BRAZING PROPERTIES:

Stay Silv 2LP is a lower phosphorus version of Stay Silv 2. The phosphorus reduction provides a wider melting range which improves the alloy’s ability to fill non-uniform clearances.

CORROSION RESISTANCE

Generally similar to the copper base metal, but phosphorus containing alloys, including Stay Silv 2LP, should not be used if the braze is exposed to sulfur or sulfur compounds in service.

AVAILABLE FORMS

Standard wire diameters rods and preform rings,

RECOMMENDED FLUX:

No flux is required for copper brazing. For brazing brass or copper to brass, use Stay-Silv white flux. Harris ECO SMART® boric acid free flux, (powder or paste), is an excellent choice to promote sound brazed assemblies and comply with European REACH requirements.

SPECIFICATION COMPLIANCE:

ISO 17672 CuP 279
EN 1044 CP 105

SAFETY INFORMATION:

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

- FUMES AND GASES can be hazardous to your health.
- 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.

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 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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