REACH Directive Update
Status as of: 28 June 2018

In order to comply with the Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Mueller Brass Co. presents the following:

None of the copper and copper alloy (brass) rod and bar products manufactured by Mueller Brass Co. contain any of the 43 substances currently on the Authorization List included under REACH Annex XIV, last updated on 16 June 2017.

On 28 June 2018, the European Chemicals Agency (ECHA) added lead metal (Pb) to the Candidate List of Substances of Very High Concern (SVHC). The total list now contains 191 substances.

The following is a list of alloys, produced by Mueller Brass Co., which contain >0.1% of lead in their chemical composition. No other SVHCs are contained in any product produced by Mueller Brass Co.

<table>
<thead>
<tr>
<th>Alloys with &gt;0.1% Pb</th>
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</thead>
<tbody>
<tr>
<td>C34500 / C34000</td>
</tr>
<tr>
<td>C35300 / C35000</td>
</tr>
<tr>
<td>C35330:</td>
</tr>
<tr>
<td>C36000/ C360002</td>
</tr>
<tr>
<td>C27450</td>
</tr>
<tr>
<td>C27451</td>
</tr>
<tr>
<td>C36300</td>
</tr>
<tr>
<td>C36500</td>
</tr>
<tr>
<td>C37000 / C37100</td>
</tr>
<tr>
<td>C37700 / C36773 / C37775:</td>
</tr>
<tr>
<td>C38500:</td>
</tr>
<tr>
<td>C48500:</td>
</tr>
<tr>
<td>C66800:</td>
</tr>
<tr>
<td>C67300 / C67350 / C67676</td>
</tr>
</tbody>
</table>

Per REACH Article 33, Mueller Brass Co. will continue to monitor updates and additions to the list of SVHC materials as published by ECHA. Please visit the ECHA website for additional information regarding the Authorization or SVHC Candidate Lists:

http://echa.europa.eu/web/guest/addressing-chemicals-of-concern/authorisation
http://echa.europa.eu/web/guest/candidate-list-table

For further information regarding product compliance with the REACH Directive, please contact your local sales representative, or Mueller Brass Customer Service at 800.553.3336.