## Purpose


<table>
<thead>
<tr>
<th>Controlled Chemicals</th>
<th>Threshold Limits</th>
<th>Percent by weight of homogenous material1</th>
<th>IC itself</th>
<th>Shipping Container</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RoHS</td>
<td>JIG</td>
<td>IC</td>
<td>Box</td>
</tr>
<tr>
<td>Cadmium Elemental</td>
<td>0.01%</td>
<td>0.0075%, and not intentionally added</td>
<td>&lt;0.00003%</td>
<td>ND2</td>
</tr>
<tr>
<td>Cadmium Cd Compounds</td>
<td></td>
<td></td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Lead Elemental</td>
<td></td>
<td>0.10%, and not intentionally added</td>
<td>&lt;0.03%</td>
<td>ND</td>
</tr>
<tr>
<td>Lead Pb Compounds</td>
<td></td>
<td></td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Mercury Elemental</td>
<td></td>
<td>0.10%, and not intentionally added</td>
<td>&lt;0.0001%</td>
<td>ND</td>
</tr>
<tr>
<td>Mercury Hg Compounds</td>
<td></td>
<td></td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Hexavalent Chromium Elemental</td>
<td></td>
<td>Not Regulated</td>
<td>&lt;0.0001%</td>
<td>ND</td>
</tr>
<tr>
<td>Hexavalent Chromium Cr Compounds</td>
<td></td>
<td>Not Regulated</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Polybrominated biphenyls (PBB)</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Polybrominated diphenylethers (PBDE)</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Perfluorooctane sulfonates (PFOS)</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Polychlorinated biphenyls (PCB)</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Polychlorinated naphthalenes (PCN)</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Polychlorinated terphenyls (PCT)</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Chlorinated parafins (CP)</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Other Chlorinated Compounds</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Azo Compounds</td>
<td></td>
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<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Tributyltin compounds</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Triphenyltin compounds</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Other brominated organic compounds</td>
<td></td>
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<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Antimony</td>
<td></td>
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<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Other antimony compounds</td>
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<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Asbestos</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Polyvinyl chloride (PVC) and blends</td>
<td></td>
<td>Not intentionally added</td>
<td>ND</td>
<td>ND</td>
</tr>
</tbody>
</table>

1. A material is homogeneous if its compound concentration (as % wt) is not changed by mechanical disjointing (cutting, grinding, etc.). For example, in an integrated circuit, the homogeneous materials would be the ink, mold compound, gold wires, die, die attach epoxy, base lead frame material and lead frame surface finish. Laser-marked parts may not include ink.

2. ND - None Detected.

## Notes

1. A material is homogeneous if its compound concentration (as % wt) is not changed by mechanical disjointing (cutting, grinding, etc.). For example, in an integrated circuit, the homogeneous materials would be the ink, mold compound, gold wires, die, die attach epoxy, base lead frame material and lead frame surface finish. Laser-marked parts may not include ink.

## Disclaimer

This information has been collected from THAT Corporation’s manufacturing facilities and our worldwide supply chain. To the best of our knowledge, it is correct as of the date indicated on this page. However, we cannot guarantee its completeness or accuracy as some information has been derived from data sources outside the company.