



**Eastern Alloys’ statement of Restricted Hazardous Materials – IMDS, ILRS, RoHS, GADSL**

**Zinc Alloys produced by Eastern Alloys (see list that follows) do not contain any declarable or prohibited substances above the threshold or reporting limits as defined by the EU Directive and as listed in the IMDS, ILRS, RoHS or GADSL lists (see definitions and possible substances below).**

**Alloys:**

EaZall #2, #3, #5, #7, ZA8, ZA12, ZA27, ZA73, ZA5 (slush alloy), ACuZinc, high purity brighteners (96/4 , 95/5, 90/10), Galfan, Galvalume, Zinc/Aluminum Master Alloys (V12, 8%, 6500)

**Definitions:**

**Declarable Substance:** In the IMDS, ILRS, and GADSL lists pertaining to EU Directive on end-of-life material restrictions and RoHS list pertaining to EU Directive – Restriction of the use of hazardous substances in electrical and electronic equipment, these substances must be declared at levels above the reporting limit (0.1% unless otherwise listed).

**Prohibited Substance:** In the IMDS, ILRS, and GADSL lists pertaining to EU Directive on end-of-life material restrictions and RoHS list pertaining to EU Directive – Restriction of the use of hazardous substances in electrical and electronic equipment, these substances are prohibited above the specific threshold reporting limit (0.1% unless otherwise listed).

**Possible substances and restrictions:**

<b>Substance</b>	<b>CAS</b>	<b>Classification</b>	<b>Threshold</b>
Cadmium	7440-43-9	D/P	0.01% (any intentionally introduced content must be reported)
Lead	7440-92-1	D/P	0.1% (any intentionally introduced content must be reported)
Nickel	7440-02-0	D	0.1%

"P" - Prohibited in all applications; "D" - Substance must be reported if the threshold limits are exceeded; "D/P" - Prohibited in some applications and declarable in all other cases.

**Other Restricted Substances:**

*Metals and Metal ions:*

- Mercury - is not a normal constituent of Zinc Casting and Coating alloys
- Hexavalent Chromium – Zinc alloys are metallic and do not contain ionized species, i.e. Cr<sup>+6</sup>

*Organic Substances*

- Polybrominated Biphenyls (PBB), and Polybrominated Diphenyl Ethers (PBDE)  
Zinc Alloys are metallic and do not contain Organic substances.

**Note:**

The information provided refers to supplied zinc alloy ingot only. Instances where the alloy is used to produce castings or as coatings that are **combined** with other substances must be individually investigated to determine if any prohibited or restricted substances are contained in the combined or coating materials.

John Malmgreen  
VP Manufacturing and Quality