

**RoHS und REACH-Information - Keine SVHC-Stoffe, PAK-Stoffe; Stand 17. September 2024**

Sehr geehrte Kunde,

Signal-Construct ist Hersteller von LED-Anzeigen und LED-Lampen sowie LED-Bausteinen und Lichtleitern aus Kunststoffen. Wir sind deshalb nachgeschalteter Anwender und liefern Produkte, die im chemikalien-rechtlichen Sinne Erzeugnisse sind.

Damit unterliegen wir der Informationspflicht nach Artikel 33 der REACH-Verordnung sofern ein von uns geliefertes Produkt einen besonders besorgniserregenden Stoff gemäß (SVHC-Stoff) in einer Massenkonzentration über 0,1% enthält. Zugrunde gelegt ist die REACH candidate list vom 23.01.2024. Dies beinhaltet auch die PAK - Polyzyklische aromatische Kohlenwasserstoffe.

Alle Produkte, mit Ausnahme der auf Seite 3 aufgelisteten Produkte, die innerhalb der letzten 24 Monate an Sie geliefert wurden, enthalten nach den Informationen, die wir von unseren Lieferanten erhalten haben, keine SVHC-Stoffe.

Bitte beachten Sie, dass diese Bestätigung nicht für die von Ihnen bereitgestellten Materialien gültig ist.

Darüber hinaus bestätigen wir die Konformität aller nicht aufgeführten Artikel mit der ROHS-Richtlinie 2011/65/EU und 2015/863/EU des Europäischen Parlaments und des Rates zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten (RoHS).

Eine Liste unserer Produkte, die SVHC-Stoffe enthalten oder für die SVHC-Stoffe verwendet werden, finden Sie auf der folgenden Seite 3. Sie enthält auch die SCIP-Nummer (SCIP = Substances of Concern In articles as such or in complex objects/products). Die RoHS-Ausnahme 6c. (Kupferlegierung mit einem Massenanteil von bis zu 4 % Blei) wird für diese Produkte in Übereinstimmung mit der EU-Richtlinie (EU) 2018/741 verwendet.

Nach den uns vorliegenden Informationen enthalten nahezu alle Signal-Leuchten Bauteile, in denen Blei (**CAS 7439-92-1**) als Legierungselement, z.B. in Messing, Aluminium, Stahl in Konzentrationen größer 0,1% enthalten ist. Der Einsatz dieses Stoffes entspricht den geltenden gesetzlichen Bestimmungen.

Wir möchten jedoch darauf hinweisen, dass wir keine spezifischen Analysen durchführen. Sollte sich durch eine Aktualisierung der Kandidatenliste eine Informationspflicht ergeben oder das Vorhandensein eines nicht registrierten Stoffes festgestellt werden, werden wir unserer Informationspflicht umgehend nachkommen.

Mit freundlichen Grüßen  
Signal-Construct GmbH

**RoHS and REACH information – SVHC substances, PAK-substances absent as of 17th September 2024**

Dear Customer,

Signal-Construct is a manufacturer of LED displays, LED lamps, LED components and plastic light guides. We are therefore only a downstream user and supply products that are considered goods within the meaning of the Chemicals Act.

According to Article 33 of the REACH Regulation, we are obliged to disclose information on the ingredients of our articles if an article we supply contains a substance of very high concern (SVHC substance) above a threshold of 0.1%. This is based on the REACH candidate list of 23 January 2024, which also includes PAHs - polycyclic aromatic hydrocarbons.

All products, with the exception of the products listed on page 3, which have been delivered to you within the last 24 months, do not contain SVHC substances according to the information we have received from our suppliers.

Please note that this confirmation is not valid for the materials you have provided.

In addition, we confirm the compliance of all items not listed with the ROHS Directive 2011/65/EU and 2015/863/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

A list of our products that contain SVHC substances or for which SVHC substances are used can be found on the following page 3. It also contains the SCIP number (SCIP = Substances of Concern In articles as such or in complex objects/products). The RoHS exemption 6c. (copper alloy containing up to 4% lead by mass) is used for these products in accordance with EU Directive (EU) 2018/741.

According to the information available to us, almost all indicators contain components in which lead (**CAS 7439-92-1**) is used as alloying element, e.g. in brass, aluminium, steel in concentrations greater than 0.1%. The use of this substance complies with the applicable legal regulations. When used as intended, there is no danger to health or the environment. Safety instructions are not required.

However, we would like to point out that we do not perform specific analyses. Should a duty to inform arise as a result of an update of the candidate list or should the presence of a non-registered substance be detected, we will comply with our duty to inform immediately.

Yours sincerely,  
Signal-Construct GmbH

Folgende Serien sind betroffen / Following series are concerned:

| <b>Artikel / Article</b> | <b>Conrad-<br/>Artikel-Nr.</b> | <b>SCIP</b> | <b>Artikel / Article</b> | <b>Conrad-<br/>Artikel-Nr.</b> | <b>SCIP</b> |
|--------------------------|--------------------------------|-------------|--------------------------|--------------------------------|-------------|
| MSOB0831                 | 1646246                        | *1          | SMQD08424                | 149616                         | *3          |
| MSOB1139                 | 1646247                        | *1          | SMQD08622                | 150477                         | *3          |
| MSOB1143                 | 1646248                        | *1          | SMQD08624CR              | 150451                         | *3          |
| MSOC083102HE             | 1646174                        | *2          | SMQS060                  | 727466                         | *3          |
| MSOC083104HE             | 1646175                        | *2          | SMQS062                  | 727474                         | *3          |
| MSOC083112HE             | 1646176                        | *2          | SMQS066                  | 149438                         | *3          |
| MSOC083114HE             | 1646177                        | *2          | SMQS080                  | 727326                         | *3          |
| MSOC083142HE             | 1646178                        | *2          | SMQS081                  | 727342                         | *3          |
| MSOC083144HE             | 1646179                        | *2          | SMQS082                  | 727334                         | *3          |
| MSOC083152HE             | 1646180                        | *2          | SMQS086                  | 149454                         | *3          |
| MSOC083154HE             | 1646181                        | *2          | SMTD06004                | 150617                         | *3          |
| MSOC083162HE             | 1646182                        | *2          | SMTD06104                | 150629                         | *3          |
| MSOC083164HE             | 1646183                        | *2          | SMTD06204                | 150642                         | *3          |
| MSOC083172HE             | 1646184                        | *2          | SMTD06404                | 150655                         | *3          |
| MSOC083174HE             | 1646185                        | *2          | SMTD06604                | 150668                         | *3          |
| MSOC083902HE             | 1646186                        | *2          | SMTD08014                | 150681                         | *3          |
| MSOC083904HE             | 1646187                        | *2          | SMTD08114                | 150694                         | *3          |
| MSOC083912HE             | 1646188                        | *2          | SMTD08214                | 150707                         | *3          |
| MSOC083914HE             | 1646189                        | *2          | SMTD08414                | 150721                         | *3          |
| MSOC083942HE             | 1646190                        | *2          | SMTD08614                | 150733                         | *3          |
| MSOC083944HE             | 1646191                        | *2          | SMTD22034                | 150745                         | *3          |
| MSOC083952HE             | 1646192                        | *2          | SMTD22038                | 150810                         | *3          |
| MSOC083954HE             | 1646193                        | *2          | SMTD22134                | 150758                         | *3          |
| MSOC083962HE             | 1646194                        | *2          | SMTD22138                | 150423                         | *3          |
| MSOC083964HE             | 1646195                        | *2          | SMTD22434                | 150771                         | *3          |
| MSOC083972HE             | 1646196                        | *2          | SMTD22438                | 150436                         | *3          |
| MSOC083974HE             | 1646197                        | *2          | SMTD22634                | 150783                         | *3          |
| MSOC113902HE             | 1646198                        | *2          | SMTD22638                | 150449                         | *3          |
| MSOC113904HE             | 1646199                        | *2          | SMTD22734                | 150796                         | *3          |
| MSOC113912HE             | 1646200                        | *2          | SMTD22738                | 150463                         | *3          |
| MSOC113914HE             | 1646201                        | *2          | SMU1069                  | 186325                         | *3          |
| MSOC113942HE             | 1646202                        | *2          | SMU1089                  | 186317                         | *3          |
| MSOC113944HE             | 1646203                        | *2          | SMZ1069                  | 185930                         | *3          |
| MSOC113952HE             | 1646204                        | *2          | SMZ1089                  | 185957                         | *3          |
| MSOC113954HE             | 1646205                        | *2          | SMZD06014                | 149560                         | *3          |
| MSOC113962HE             | 1646206                        | *2          | SMZD06114                | 149551                         | *3          |

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| MSOC113972HE | 1646208 | *2 | SMZD06414     | 149578  | *3 |
| MSOC113974HE | 1646209 | *2 | SMZD06614     | 150438  | *3 |
| MSOC114302HE | 1646210 | *2 | SMZD08022     | 149845  | *3 |
| MSOC114304HE | 1646211 | *2 | SMZD08024     | 149640  | *3 |
| MSOC114312HE | 1646212 | *2 | SMZD08122     | 149837  | *3 |
| MSOC114314HE | 1646213 | *2 | SMZD08124     | 149632  | *3 |
| MSOC114342HE | 1646214 | *2 | SMZD08222     | 149829  | *3 |
| MSOC114344HE | 1646215 | *2 | SMZD08224     | 149624  | *3 |
| MSOC114352HE | 1646216 | *2 | SMZD08422     | 149853  | *3 |
| MSOC114354HE | 1646217 | *2 | SMZD08424     | 149659  | *3 |
| MSOC114362HE | 1646218 | *2 | SMZD08622     | 150491  | *3 |
| MSOC114364HE | 1646219 | *2 | SMZD08624CR   | 150465  | *3 |
| MSOC114372HE | 1646220 | *2 | SMZS060       | 727482  | *3 |
| MSOC114374HE | 1646221 | *2 | SMZS062       | 727490  | *3 |
| MSOE113902HE | 1646222 | *2 | SMZS066       | 149420  | *3 |
| MSOE113904HE | 1646223 | *2 | SMZS080       | 727369  | *3 |
| MSOE113912HE | 1646224 | *2 | SMZS081       | 727385  | *3 |
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| MSOE113942HE | 1646226 | *2 | SMZS086       | 149446  | *3 |
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| MSOE113952HE | 1646228 | *2 | SWBM08954L020 | 2435561 | *3 |
| MSOE113954HE | 1646229 | *2 | SWBU14024A    | 2435562 | *3 |
| MSOE113962HE | 1646230 | *2 | SWBU14028CRA  | 2435563 | *3 |
| MSOE113964HE | 1646231 | *2 | SWBU14124A    | 2435564 | *3 |
| MSOE113972HE | 1646232 | *2 | SWBU14128CRA  | 2435565 | *3 |
| MSOE113974HE | 1646233 | *2 | SWBU14424A    | 2435566 | *3 |
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| MSOE114304HE | 1646235 | *2 | SWBU14428CRA  | 2435567 | *3 |
| MSOE114312HE | 1646236 | *2 | SWBU14624A    | 2435568 | *3 |
| MSOE114314HE | 1646237 | *2 | SWBU14628CR   | 157558  | *3 |
| MSOE114342HE | 1646238 | *2 | SWBU14628CRA  | 2435569 | *3 |
| MSOE114344HE | 1646239 | *2 | SWBU14724A    | 2435570 | *3 |
| MSOE114352HE | 1646240 | *2 | SWBU14728CRA  | 2435571 | *3 |
| MSOE114354HE | 1646241 | *2 | SWDU14024A    | 2435572 | *3 |
| MSOE114362HE | 1646242 | *2 | SWDU14124A    | 2435573 | *3 |
| MSOE114364HE | 1646243 | *2 | SWDU14424A    | 2435574 | *3 |
| MSOE114372HE | 1646244 | *2 | SWDU14624A    | 2435575 | *3 |
| MSOE114374HE | 1646245 | *2 | SWDU14724A    | 2435576 | *3 |
| MSOH114362   | 779408  | *2 | SWQU08024A    | 2435577 | *3 |
| MSOH114364   | 779409  | *2 | SWQU08028CRA  | 2435578 | *3 |

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| SDML080     | 727636  | *3 | SWQU08124A   | 2435579 | *3 |
| SDML082     | 727644  | *3 | SWQU08128CRA | 2435580 | *3 |
| SEMZ082     | 727580  | *3 | SWQU08424A   | 2435581 | *3 |
| SFEU080225  | 1647010 | *3 | SWQU08428CR  | 157946  | *3 |
| SFEU080245  | 1647011 | *3 | SWQU08428CRA | 2435582 | *3 |
| SFEU081225  | 1647012 | *3 | SWQU08624A   | 2435583 | *3 |
| SFEU081245  | 1647013 | *3 | SWQU08628CR  | 157947  | *3 |
| SFEU084225  | 1647014 | *3 | SWQU08628CRA | 2435584 | *3 |
| SFEU084245  | 1647015 | *3 | SWQU08724A   | 2435585 | *3 |
| SFEU086225  | 1647016 | *3 | SWQU08728CR  | 157948  | *3 |
| SFEU086245  | 1647017 | *3 | SWQU08728CRA | 2435586 | *3 |
| SFEU087225  | 1647018 | *3 | SWRU08024A   | 2435587 | *3 |
| SFEU087245  | 1647019 | *3 | SWRU08124A   | 2435588 | *3 |
| SLQ06L140   | 2435549 | *3 | SWRU08424A   | 2435589 | *3 |
| SLQ06L160   | 2435548 | *3 | SWRU08724A   | 2435590 | *3 |
| SLQ06L180   | 2435550 | *3 | SWUU08024A   | 2435591 | *3 |
| SLQ06L230   | 2435551 | *3 | SWUU08124A   | 2435592 | *3 |
| SLQ08KL100M | 2435552 | *3 | SWUU08424A   | 2435593 | *3 |
| SLQ08KL110M | 777555  | *3 | SWUU08624A   | 2435594 | *3 |
| SLQ08KL162M | 2435553 | *3 | SWUU08724A   | 2435595 | *3 |
| SLQ08KL195M | 2435554 | *3 | SWZU08024A   | 2435596 | *3 |
| SLQ08KL230M | 2435555 | *3 | SWZU08028CRA | 2435597 | *3 |
| SLQ08KL250M | 2435556 | *3 | SWZU08124A   | 2435598 | *3 |
| SMB1129     | 186201  | *3 | SWZU08128CRA | 2435599 | *3 |
| SMB1149     | 180998  | *3 | SWZU08424A   | 2435600 | *3 |
| SMBD14024   | 149748  | *3 | SWZU08428CR  | 157949  | *3 |
| SMBD14124   | 149730  | *3 | SWZU08428CRA | 2435601 | *3 |
| SMBD14224   | 149721  | *3 | SWZU08624A   | 2435602 | *3 |
| SMCP08021   | 2435557 | *3 | SWZU08628CR  | 157950  | *3 |
| SMCP08121   | 2435558 | *3 | SWZU08628CRA | 2435603 | *3 |
| SMCP08221   | 2435559 | *3 | SWZU08724A   | 2435604 | *3 |
| SMD1129     | 186210  | *3 | SWZU08728CR  | 157951  | *3 |
| SMFC14022   | 1646977 | *3 | SWZU08728CRA | 2435605 | *3 |
| SMFC14122   | 1646978 | *3 | SMLE08212    | 777512  | *3 |
| SMFC14422   | 1646979 | *3 | SMLU08612    | 150813  | *3 |
| SMFC14622   | 1646980 | *3 | SMLU08614    | 150749  | *3 |
| SMFC14722   | 1646981 | *3 | SMQ1069      | 185922  | *3 |
| SMK1089     | 184217  | *3 | SMQ1089      | 185949  | *3 |
| SML1089CR   | 185310  | *3 | SMQD06014    | 149527  | *3 |
| SMLD08012   | 150761  | *3 | SMQD06114    | 149519  | *3 |
| SMLD08014   | 150697  | *3 | SMQD06214    | 149500  | *3 |

|           |        |    |             |        |    |
|-----------|--------|----|-------------|--------|----|
| SMLD08112 | 150774 | *3 | SMQD06414   | 149535 | *3 |
| SMLD08114 | 150710 | *3 | SMQD06614   | 150425 | *3 |
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| SMLD08214 | 150724 | *3 | SMQD08024   | 149608 | *3 |
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| SMLD08414 | 150736 | *3 | SMQD08124   | 149594 | *3 |
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| SMLU08614 | 150749 | *3 | SMQD08424   | 149616 | *3 |
| SMQ1069   | 185922 | *3 | SMQD08622   | 150477 | *3 |
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| SMQD06114 | 149519 | *3 | SMQS062     | 727474 | *3 |
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**SCIP-no.:**

\*1: 0a5657f9-bfcf-432a-a772-748baa968956

\*2: e23e749f-e2a0-4b00-9d6d-89ee8a0ee1fb

\*3: 8fac776b-79f6-4339-9c8a-101ea196b5da