

Audit - EU DK MAL Code

SIGMAGUARD CSF 585 BASE WHITE

MAL Code	Product as is	Ready-for-use mixture
MAL Protection	<p data-bbox="315 284 353 308">0-6</p> <p data-bbox="315 325 1814 384">According to the regulations on work involving coded products, the following stipulations apply to the use of personal protective equipment:</p> <p data-bbox="315 421 1814 539">General: Gloves must be worn for all work that may result in soiling. Apron/coveralls/protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. A face shield must be worn in work involving spattering if a full mask is not required. In this case, other recommended use of eye protection is not required.</p> <p data-bbox="315 572 1814 632">In all spraying operations in which there is return spray, the following must be worn: respiratory protection and arm protectors/ apron/coveralls/protective clothing as appropriate or as instructed.</p> <p data-bbox="315 716 488 740">MAL-code: 0-6</p> <p data-bbox="315 748 1814 959">Application: When using scraper or knife, brush, roller etc. for pre- and post-treatments in a spray booth where the operator is outside the spray zone and when working in similar new* facilities of the combined-cabin, spray-cabin and spray-booth type where the operator is working inside the spray zone. When spraying in new* booths and cabins with non-atomizing guns. During downtimes, cleaning and repair of closed facilities, spray booths or cabins, if there is a risk of contact with wet paint or organic solvents. When using scraper or knife, brush, roller, etc. for pre- and post-treatments in cabins or booths of the existing* facility type, if the operator is inside the spray zone. When using scraper or knife, brush, roller, etc. for pre- and post-treatments outside a closed facility, spray booth or spray cabin.</p> <p data-bbox="315 992 719 1016">- Protective clothing must be worn.</p> <p data-bbox="315 1050 1267 1074">When spraying in existing* spray booths, if the operator is outside the spray zone.</p> <p data-bbox="315 1114 1028 1137">- Air-supplied full mask and protective clothing must be worn.</p> <p data-bbox="315 1177 1814 1236">During non-atomizing spraying in existing* facilities of the combined-cabin, spray-cabin and spray-booth type where the operator is working inside the spray zone.</p> <p data-bbox="315 1270 954 1294">- Gas filter mask and protective clothing must be worn.</p> <p data-bbox="315 1334 1814 1393">During all spraying where atomization occurs in cabins or spray booths where the operator is inside the spray zone and during spraying outside a closed facility, cabin or booth.</p> <p data-bbox="315 1426 1099 1450">- Air-supplied full mask, protective clothing and hood must be worn.</p>	Not applicable. Not applicable.
		Not applicable.

Not applicable.

Drying: Items for drying/drying ovens that are temporarily placed on such things as rack trolleys, etc. must be equipped with a mechanical exhaust system to prevent fumes from wet items from passing through workers' inhalation zone.

Polishing: When polishing treated surfaces, a mask with dust filter must be worn. When machine grinding, eye protection must be worn. Work gloves must always be worn.

Caution The regulations contain other stipulations in addition to the above.

*See Regulations.

Not applicable.

Not applicable.

**Low Boiling
Liquid
MAL Number
Audit (Textual)**

69.47

Not applicable.

0-6

Not applicable.

Figure-before-dash (from MAL Number) = 0
 $30 < \text{MAL Number [69.47]} \leq 100$
MAL Number = density * $\Sigma[\text{Conc}(i) * \text{MAL Factor}(i)] = 1.406 * 49.41 = 69.47$
Density (from Density (g/m³) data entry) = 1.406
 $\Sigma[\text{Conc}(i) * \text{MAL Factor}(i)] = 49.41$
[1-BUTANOL] Conc * MAL Factor = 0.3339% * 67 = 22.37
MAL Factor entered against range: '0 to 100' = 67
[o-Xylene] Conc * MAL Factor = 0.13% * 46 = 5.98
MAL Factor entered against range: '0 to 100' = 46
[FORMALDEHYDE] Conc * MAL Factor = 0.0078% * 2500 = 19.5
MAL Factor entered against range: '0 to 0.1' = 2500
[ISOBUTYL ALCOHOL] Conc * MAL Factor = 0.0039% * 67 = 0.2613
MAL Factor entered against range: '0 to 100' = 67
[EPICHLOROHYDRIN] Conc * MAL Factor = 0.000245% * 5300 = 1.298
MAL Factor entered against range: '0 to 100' = 5300
Ingredients with MAL factor of 0 [did not contribute] {Denmark MAL Code}
Bisphenol A diglycidyl ether (50.00%)
MAL Factor entered against range: '0 to 100' = 0
SODIUM POTASSIUM ALUMINUM SILICATE (20.4%)
MAL Factor entered against range: '0 to 100' = 0
1,6-Hexanediol, reaction products with epichlorohydrin (13.1%)
Default assumption [non-volatile] = 0
CHLORITE-GROUP MINERALS (4.258%)
MAL Factor entered against range: '0 to 100' = 0
Talc, non-asbestos form (4.136%)
MAL Factor entered against range: '0 to 100' = 0
TITANIUM DIOXIDE (3.687%)
MAL Factor entered against range: '0 to 100' = 0
CASTOR OIL, HYDROGENATED (1.374%)
MAL Factor entered against range: '0 to 100' = 0
UREA-FORMALDEHYDE RESIN, BUTYLATED (0.8242%)
MAL Factor entered against range: '0 to 100' = 0
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (0.4731%)
Default assumption [non-volatile] = 0
MAGNESIUM CARBONATE (0.4606%)
MAL Factor entered against range: '0 to 100' = 0
DOLomite (0.3196%)
MAL Factor entered against range: '0 to 100' = 0
QUARTZ (>10 microns) (0.141%)
MAL Factor entered against range: '0 to 100' = 0
ALUMINUM HYDROXIDE (0.1365%)
MAL Factor entered against range: '0 to 100' = 0
QUARTZ (<10 microns) (0.0846%)
MAL Factor entered against range: '0 to 100' = 0
esterification reaction product of a hydroxy fatty acid and a hydroxy amide (0.0532%)

Default assumption [non-volatile] = 0
SILICA (0.039%)
MAL Factor entered against range: '0 to 100' = 0
ZIRCONIUM OXIDE (0.0195%)
MAL Factor entered against range: '0 to 100' = 0
TRIMETHYLOLPROPANE (0.01755%)
MAL Factor entered against range: '0 to 100' = 0
4,4-ISOPROPYLIDENEDIPHENOL (0.000245%)
MAL Factor entered against range: '0 to 100' = 0
WATER (0.000169%)
MAL Factor entered against range: '0 to 100' = 0
Figure-after-dash (Ingredient(s) above the cut-off on their own) = 6
Ingredients above the Figure-after-dash 6 concentration limit on their own {Denmark MAL Code}
1,6-Hexanediol, reaction products with epichlorohydrin (13.1%)
Ingredient concentration is above the limit [0.1%]
Figure-after-dash (CLP hazard) = 6
GHS Status - EU
Reproductive toxicity
Calculation intermediates involved in final hazard assignment
Reproductive toxicity - Fertility - Category 1B - Effect On: Fertility - From 'Entered data'
Entered data - [EU] [99] [User]