

Audit - EU DK MAL Code

SIGMACOVER 435 BASE LIGHT GREY 9553

Denmark MAL Code

Audit - MAL Code

EU Denmark MAL Code:- 3-6

The MAL Code calculations are performed with product and component data.

Product is a Liquid

SIGMACOVER 435 BASE LIGHT GREY 9553 - Components considered for the MAL Code calculation. {Denmark MAL Code}

Hematite (26.879%)

CAS: 1317-60-8

Density: 3.94

Molecular Weight: 159.69

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 268.79

EPOXY RESIN (20.2938%)

CAS: SUB110652

Density: 1.08

Molecular Weight: 770

No LBL Factor entered or estimated from CAS Number or Boiling Point.

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 20293.8

XYLENES (14.07165195%)

Organic Solvent.

CAS: 1330-20-7

Density: 0.86

Relative Density: 0.861

Molecular Weight: 106.17

Boiling Point: 136.16

Vapour Pressure: 6.7

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 46. Limit: 0

FAD entered: 3; Lower Limit: 10

FAD 3 Quotient = 1.407

FAD 1 Quotient = 70.358

Talc, non-asbestos form (10.865%)

CAS: 14807-96-6

Density: 2.7

Relative Density: 2.7

Molecular Weight: 96.33

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 108.65

QUARTZ (<10 microns) (10.571092029%)

Carcinogen.

CAS: 14808-60-7

Density: 0

Relative Density: 2.6

Molecular Weight: 60.09

Boiling Point: 2230

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 6; Lower Limit: 10

FAD 6 Quotient = 1.057

FAD 3 Quotient = 10.571

EPOXY RESIN (AVERAGE MOLECULAR WT < 700) (5.07345%)

CAS: 25068-38-6

Density: 1.16

Molecular Weight: 600

Boiling Point: 286

Vapour Pressure: 0.0000675054

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 5; Lower Limit: 1

FAD 5 Quotient = 5.073

ETHYLBENZENE (2.50162105%)

Organic Solvent.

Carcinogen.

CAS: 100-41-4

Density: 0.866

Relative Density: 0.9

Molecular Weight: 106.18

Boiling Point: 136.1

Vapour Pressure: 9.30076

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 46. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 3 Quotient = 0.250

ALUMINUM POWDER (2.496747%)

CAS: 7429-90-5

Density: 2.702

Relative Density: 2.7

Molecular Weight: 26.98

Boiling Point: 2450

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 24.967

ISOBUTYL ALCOHOL (2.019502%)

Organic Solvent.

CAS: 78-83-1

Density: 0.802

Relative Density: 0.8

Molecular Weight: 74.14

Boiling Point: 108

Vapour Pressure: 10.800918

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 67. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 2019.502

PROPYLENE GLYCOL MONOMETHYL ETHER (1.981045%)

Organic Solvent.

CAS: 107-98-2

Density: 0.92

Relative Density: 0.92

Molecular Weight: 90.14

Boiling Point: 120.17

Vapour Pressure: 8.5

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 28. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 1981.045

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC (1.2288%)

CAS: 64742-94-5

Density: 0.884

Boiling Point: 222.5

Vapour Pressure: 1.875

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 25. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 12.288

polyamide wax (0.869%)

CAS: SUB110911

Density: 1.1

No LBL Factor entered or estimated from CAS Number or Boiling Point.

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 869

CASTOR OIL, HYDROGENATED (0.395481%)

CAS: 8001-78-3

Density: 0.97

Vapour Pressure: 0

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 3.955

IRON HYDROXIDE OXIDE (0.24811605%)

CAS: 51274-00-1

Density: 4.26

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 2.481

Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (0.136203%)

CAS: 100545-48-0

Density: 1.04

Vapour Pressure: 0.00000075

No LBL Factor entered or estimated from CAS Number or Boiling Point.

R Phrases: R43 R52/53

MAL Factor from Sub-Annex 2: 0

FAD: 1. (Default)

FAD 1 Quotient = 136.203

STEARIC ACID (0.1152%)

CAS: 57-11-4

Density: 0.847

Relative Density: 0.885

Molecular Weight: 284.54

Boiling Point: 384.4

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 1.152

ALKOXYLATED BUTYL ETHER (0.0885292738%)

CAS: 9038-95-3

Density: 1

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 3 Quotient = 0.044

proprietary siloxane (0.0411836%)

CAS: SUB127499

Density: 0

No LBL Factor entered or estimated from CAS Number or Boiling Point.

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 41.184

TOLUENE (0.034116977%)

Organic Solvent.

CAS: 108-88-3

Density: 0.87

Relative Density: 0.87

Molecular Weight: 92.14

Boiling Point: 110.6

Vapour Pressure: 23.17

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 74. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 3 Quotient = 0.003

ALUMINUM OXIDE (0.029350026%)

CAS: 1344-28-1

Density: 3.97

Relative Density: 4

Molecular Weight: 101.96

Boiling Point: 3000

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 1 Quotient = 0.294

proprietary polyglycol (0.0250022%)

CAS: SUB127500

Density: 0

No LBL Factor entered or estimated from CAS Number or Boiling Point.

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 25.002

esterification reaction product of a hydroxy fatty acid and a hydroxy amide (0.015316%)

CAS: SUB139095

Density: 0

No LBL Factor entered or estimated from CAS Number or Boiling Point.

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 15.316

2-METHOXY-1-PROPANOL (0.005771%)

Organic Solvent.

CAS: 1589-47-5

Density: 0.938

Molecular Weight: 90.14

Boiling Point: 130

Vapour Pressure: 4.1

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 267. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 6 Quotient = 0.003

TITANIUM DIOXIDE (0.004308066%)

CAS: 13463-67-7

Density: 4.1

Relative Density: 4.26

Molecular Weight: 79.9

Boiling Point: 2750

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 4.308
WATER (0.002985%)
CAS: 7732-18-5
Density: 1
Molecular Weight: 18.02
Boiling Point: 100
Vapour Pressure: 17.5
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 0; Lower Limit: 0
Diiron trioxide (0.002737638%)
CAS: 1309-37-1
Density: 5.25
Relative Density: 5.18
Molecular Weight: 159.7
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.027
disodium oxide (0.001326375%)
CAS: 1313-59-3
Density: 2.3
Molecular Weight: 61.98
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.013
CALCIUM OXYDE (0.00116721%)
CAS: 1305-78-8
Density: 3.3
Relative Density: 3.35
Molecular Weight: 56.08
Boiling Point: 2850
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.001
MAGNESIUM OXIDE (0.000615438%)
CAS: 1309-48-4
Density: 2.58
Relative Density: 3.6
Molecular Weight: 40.31
Boiling Point: 3600
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.006
OCTAMETHYLCYCLOTETRASILOXANE (0.0005364%)

CAS: 556-67-2

Density: 0.95

Relative Density: 0.96

Molecular Weight: 296.68

Boiling Point: 175

Vapour Pressure: 0.99008

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 1. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 3 Quotient = 0.001

Decamethylcyclopentasiloxane (0.0005364%)

CAS: 541-02-6

Density: 0.96

Molecular Weight: 370.85

Boiling Point: 210

Vapour Pressure: 0.25

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 1 Quotient = 0.005

Potassium oxide (0.000403218%)

CAS: 12136-45-7

Density: 2.3

Molecular Weight: 94.2

Vapour Pressure: 0

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 1 Quotient = 0.004

ACETIC ACID (0.000199%)

Organic Solvent.

CAS: 64-19-7

Density: 1.04

Relative Density: 1.05

Molecular Weight: 60.06

Boiling Point: 117.9

Vapour Pressure: 15.59383

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 1. Limit:

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 4 Quotient = 0.000

CHROMIUM (0.0000996%)

CAS: 7440-47-3

Density: 7.15

Relative Density: 7.14

Molecular Weight: 52

Boiling Point: 2642

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 3 Quotient = 0.000

BENZENE (0.000048425%)

Organic Solvent.

Carcinogen.

CAS: 71-43-2

Density: 0.877

Relative Density: 0.88

Molecular Weight: 78.12

Boiling Point: 80.09

Vapour Pressure: 75.00609

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 880. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 6 Quotient = 0.000

NICKEL (0.00003735%)

Carcinogen.

CAS: 7440-02-0

Density: 8.9

Relative Density: 8.9

Molecular Weight: 58.71

Boiling Point: 2730

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 5 Quotient = 0.000

FAD 6 Quotient = 0.000

CUMENE (0.000014602%)

Organic Solvent.

CAS: 98-82-8

Density: 0.86

Relative Density: 0.9

Molecular Weight: 120.21

Boiling Point: 152

Vapour Pressure: 3.72032

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 1. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 3 Quotient = 0.000

PROPYLENE OXIDE (0.0000044402%)

Organic Solvent.

Carcinogen.

CAS: 75-56-9

Density: 0.83

Relative Density: 0.8

Molecular Weight: 58.09

Boiling Point: 34.23

Vapour Pressure: 538
LBLFactor = 100 (BP=34.23)
MAL Factor entered: 1. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000

ACETALDEHYDE (0.0000005662%)

Organic Solvent.
Carcinogen.
CAS: 75-07-0
Density: 0
Relative Density: 0.78
Molecular Weight: 44.06
Boiling Point: 20.1
Vapour Pressure: 900.07313
LBLFactor = 100 (BP=20.1)
MAL Factor entered: 1. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000

HYDROCHLORIC ACID (0.0000005662%)

CAS: 7647-01-0
Density: 0.86
Boiling Point: 109.85
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 2900. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 4 Quotient = 0.000
FAD 3 Quotient = 0.000

FORMALDEHYDE (0.0000004172%)

Carcinogen.
CAS: 50-00-0
Density: 1.09
Relative Density: 0.812
Molecular Weight: 30.03
Boiling Point: 98
Vapour Pressure: 1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 2500. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000
FAD 3 Quotient = 0.000

ETHYLENE OXIDE (0.0000004172%)

Carcinogen.
CAS: 75-21-8
Density: 0.882
Relative Density: 0.9
Molecular Weight: 44.06
Boiling Point: 10.7
Vapour Pressure: 1314.1117

LBLFactor = 100 (BP=10.7)

MAL Factor entered: 11. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 6 Quotient = 0.000

1,4-DIOXANE (0.0000002384%)

Organic Solvent.

Carcinogen.

CAS: 123-91-1

Density: 1.03

Relative Density: 1.03

Molecular Weight: 88.12

Boiling Point: 101.15

Vapour Pressure: 30.7525

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 390. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 6 Quotient = 0.000

FAD 3 Quotient = 0.000

METHYL ALCOHOL (0.0000002384%)

Organic Solvent.

CAS: 67-56-1

Density: 0.792

Relative Density: 0.79

Molecular Weight: 32.05

Boiling Point: 64.7

Vapour Pressure: 126.96329

LBLFactor = 100 (BP=64.7)

MAL Factor entered: 54. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 6 Quotient = 0.000

FAD 3 Quotient = 0.000

METHYL CHLORIDE (0.0000002384%)

Carcinogen.

CAS: 74-87-3

Density: 0.911

Relative Density: 0.92

Molecular Weight: 50.49

Boiling Point: -23.7

Vapour Pressure: 3671.9

LBLFactor = 100 (BP=-23.7)

MAL Factor from OEL: 476.19 ** Warning: An Evaporation Rate Correction Factor of 2 was used. Contact the Authorities for a MAL Factor.

R Phrases: F+;R12 Xn;R48/20 Carc.Cat.3;R40

FAD: 1. (Default)

FAD 1 Quotient = 0.000

Density = 1.522. Entered value.

Figure-before-the dash = 3

Hematite(@26.88%). MAL Factor = 0. Total increased by 26.88*0=0. Running Total = 0

XYLENES(@14.07%). MAL Factor = 46. Total increased by 14.07*46=647.30. Running Total = 647.30

Talc, non-asbestos form(@10.86%). MAL Factor = 0. Total increased by $10.86 \times 0 = 0$. Running Total = 647.30
QUARTZ (<10 microns)(@10.57%). MAL Factor = 0. Total increased by $10.57 \times 0 = 0$. Running Total = 647.30
EPOXY RESIN (AVERAGE MOLECULAR WT < 700)(@5.07%). MAL Factor = 0. Total increased by $5.07 \times 0 = 0$. Running Total = 647.30
ETHYLBENZENE(@2.50%). MAL Factor = 46. Total increased by $2.50 \times 46 = 115.07$. Running Total = 762.37
ALUMINUM POWDER(@2.50%). MAL Factor = 0. Total increased by $2.50 \times 0 = 0$. Running Total = 762.37
ISOBUTYL ALCOHOL(@2.02%). MAL Factor = 67. Total increased by $2.02 \times 67 = 135.31$. Running Total = 897.68
PROPYLENE GLYCOL MONOMETHYL ETHER(@1.98%). MAL Factor = 28. Total increased by $1.98 \times 28 = 55.47$. Running Total = 953.15
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC(@1.23%). MAL Factor = 25. Total increased by $1.23 \times 25 = 30.72$. Running Total = 983.87
CASTOR OIL, HYDROGENATED(@0.40%). MAL Factor = 0. Total increased by $0.40 \times 0 = 0$. Running Total = 983.87
IRON HYDROXIDE OXIDE(@0.25%). MAL Factor = 0. Total increased by $0.25 \times 0 = 0$. Running Total = 983.87
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine(@0.14%). MAL Factor = 0. Total increased by $0.14 \times 0 = 0.00$. Running Total = 983.87
STEARIC ACID(@0.12%). MAL Factor = 0. Total increased by $0.12 \times 0 = 0$. Running Total = 983.87
ALKOXYLATED BUTYL ETHER(@0.09%). MAL Factor = 0. Total increased by $0.09 \times 0 = 0$. Running Total = 983.87
TOLUENE(@0.03%). MAL Factor = 74. Total increased by $0.03 \times 74 = 2.52$. Running Total = 986.39
ALUMINUM OXIDE(@0.03%). MAL Factor = 0. Total increased by $0.03 \times 0 = 0$. Running Total = 986.39
2-METHOXY-1-PROPANOL(@0.01%). MAL Factor = 267. Total increased by $0.01 \times 267 = 1.54$. Running Total = 987.93
TITANIUM DIOXIDE(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.93
WATER(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.93
Diiron trioxide (@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.93
disodium oxide(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.93
CALCIUM OXYDE(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.93
MAGNESIUM OXIDE(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.93
OCTAMETHYLCYCLOTETRASILOXANE(@0.00%). MAL Factor = 1. Total increased by $0.00 \times 1 = 0.00$. Running Total = 987.93
Decamethylcyclpentasiloxane(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.93
Potassium oxide(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.93
ACETIC ACID(@0.00%). MAL Factor = 1. Total increased by $0.00 \times 1 = 0.00$. Running Total = 987.93
CHROMIUM(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.93
BENZENE(@0.00%). MAL Factor = 880. Total increased by $0.00 \times 880 = 0.04$. Running Total = 987.98
NICKEL(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 987.98
CUMENE(@0.00%). MAL Factor = 1. Total increased by $0.00 \times 1 = 0.00$. Running Total = 987.98
PROPYLENE OXIDE(@0.00%). MAL Factor = 1. Total increased by $0.00 \times 1 = 0.00$. Running Total = 987.98
ACETALDEHYDE(@0.00%). MAL Factor = 1. Total increased by $0.00 \times 1 = 0.00$. Running Total = 987.98
HYDROCHLORIC ACID(@0.00%). MAL Factor = 2900. Total increased by $0.00 \times 2900 = 0.00$. Running Total = 987.98
FORMALDEHYDE(@0.00%). MAL Factor = 2500. Total increased by $0.00 \times 2500 = 0.00$. Running Total = 987.98
ETHYLENE OXIDE(@0.00%). MAL Factor = 11. Total increased by $0.00 \times 11 = 0.00$. Running Total = 987.98
1,4-DIOXANE(@0.00%). MAL Factor = 390. Total increased by $0.00 \times 390 = 0.00$. Running Total = 987.98
METHYL ALCOHOL(@0.00%). MAL Factor = 54. Total increased by $0.00 \times 54 = 0.00$. Running Total = 987.98
METHYL CHLORIDE(@0.00%). MAL Factor = 476.19. Total increased by $0.00 \times 476.19 = 0.00$. Running Total = 987.98
Figure-before-the-dash calculated as 3. Via MAL Factor Total * Density (987.98 * 1.522) giving a MAL Number of 1504

MAL Number = Density (1.522) * Sum (987.98) = 1504

Figure-after-the-dash = 6. Calculated from component data.

Hematite (@26.88%) Increasing Total for FAD1 by 268.79, giving 268.79
EPOXY RESIN (@20.29%) Increasing Total for FAD1 by 20293.8, giving 20562.59
XYLENES (@14.07%) Increasing Total for FAD3 by 1.407165195, giving 1.407165195
XYLENES (@14.07%) Increasing Total for FAD1 by 70.35825975, giving 20632.94825975
Talc, non-asbestos form (@10.86%) Increasing Total for FAD1 by 108.65, giving 20741.59825975
QUARTZ (<10 microns) (@10.57%) Increasing Total for FAD6 by 1.0571092029, giving 1.0571092029
QUARTZ (<10 microns) (@10.57%) Increasing Total for FAD3 by 10.571092029, giving 11.978257224

Figure-after-the-dash =6. Current total of components with FAD=6 is >=1.

Low Boiling Liquid = False.

PROPYLENE OXIDE (@0.00%) Total increased by $0.00 \cdot 1/100 = 0.00$. Running Total = 0.00

ACETALDEHYDE (@0.00%) Total increased by $0.00 \cdot 1/100 = 0.00$. Running Total = 0.00

ETHYLENE OXIDE (@0.00%) Total increased by $0.00 \cdot 11/100 = 0.00$. Running Total = 0.00

METHYL ALCOHOL (@0.00%) Total increased by $0.00 \cdot 54/100 = 0.00$. Running Total = 0.00

METHYL CHLORIDE (@0.00%) Total increased by $0.00 \cdot 476.19/100 = 0.00$. Running Total = 0.00

Density * (Sum of components Concentration * MALFactor/LBLFactor) = 0

Recommended Usage Temperature is < 40C, hence no MAL Code in use is assigned.

Audit - RFU MAL Code

EU Denmark RFU MAL Code:-

Nothing was found

New Fields for IA3.3

MAL-code : 3-6

MAL Number : 503.7

MAL Number (RFU) : Not applicable.

Protection based on MAL : According to the regulations on work involving coded products, the following stipulations apply to the use of personal protective equipment:

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.

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.

MAL-code: 3-6

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.

- Protective clothing must be worn.

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.

- Air-supplied half mask, protective clothing and eye protection must be worn.

When spraying in new* booths if the operator is outside the spray zone.

- Air-supplied half mask and eye protection must be worn.

When spraying in existing* spray booths, if the operator is outside the spray zone. 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.

- Air-supplied full mask and protective clothing must be worn.

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.

- Air-supplied full mask, protective clothing and hood must be worn.

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.

Protection based on R-F-U MAL : Not available.

Not available.

Not available.