

# Audit - EU DK MAL Code

## PPG VIKOTE 56 (TINTED)

### Denmark MAL Code

#### Audit - MAL Code

EU Denmark MAL Code:- 4-3

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

Product is a Liquid

PPG VIKOTE 56 (TINTED) - Components considered for the MAL Code calculation. {Denmark MAL Code}

Hydrocarbons, C9, aromatics (31.74572%)

CAS: 64742-95-6

Density: 0.879

Molecular Weight: 123

Boiling Point: 172.5

Vapour Pressure: 1.5

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

MAL Factor entered: 58. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 317.457

acrylic polymer based on methyl methacrylate and n-butyl methacrylate (27.570561424%)

CAS: SUB119353

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 = 27570.561

XYLENES (16.188190912%)

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 = 1.619

FAD 1 Quotient = 80.941

TITANIUM DIOXIDE (6.7844904672%)

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 = 6784.490

C14-C17 CHLORINATED HYDROCARBONS (4.16328%)

CAS: 85535-85-9

Density: 1.21

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

FAD 1 Quotient = 4163.28

ETHYLBENZENE (2.910064628%)

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 = 0.291

1-METHOXY-2-PROPYL ACETATE (2.79348024328%)

Organic Solvent.

CAS: 108-65-6

Density: 0.962

Relative Density: 0.96

Molecular Weight: 132.18

Boiling Point: 145.8

Vapour Pressure: 2.7

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

MAL Factor entered: 19. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 2793.480

acrylic copolymer (2.0967986628%)

CAS: SUB110897

Density: 1.09

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

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 2096.799

12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine (0.51336%)

CAS: 220926-97-6

Density: 1.02

Vapour Pressure: 0.000326

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

MAL Factor from OEL: 0

R Phrases: Xn;R20

FAD: 1. (Default)

FAD 1 Quotient = 513.36

QUATERN.AM.CPS,BIS(HYDROGEN.TALLOW ALKYL)DIMET.-,BENTONITE (0.450242812%)

CAS: 68953-58-2

Density: 1.7

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 = 4.502

cyclohexanone (0.40927488%)

Organic Solvent.

CAS: 108-94-1

Density: 0.946

Relative Density: 0.95

Molecular Weight: 98.14

Boiling Point: 154.3

Vapour Pressure: 3.75

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

MAL Factor entered: 70. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 409.275

Diiron trioxide (0.37352352%)

CAS: 1309-37-1

Density: 5.25

Relative Density: 5.18

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 = 3.735

BLOCKED COPOLYMER (0.36054%)

CAS: SUB100054

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: 0.1

FAD 1 Quotient = 3.605

IRON HYDROXIDE OXIDE (0.2997562064%)

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 = 2.998

METHYL METHACRYLATE (0.29889480048%)

Organic Solvent.

CAS: 80-62-6

Density: 0.94

Relative Density: 0.94

Molecular Weight: 100.13

Boiling Point: 100.36

Vapour Pressure: 27.75236

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 5 Quotient = 0.060

FAD 3 Quotient = 0.299

N-BUTYL METHACRYLATE (0.28907354528%)

Organic Solvent.

CAS: 97-88-1

Density: 0.89

Relative Density: 0.9

Molecular Weight: 142.22

Boiling Point: 163

Vapour Pressure: 1.59014

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

MAL Factor entered: 16. Limit: 0

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

FAD 5 Quotient = 0.289

Bismuth vanadate (>10 microns) (0.27969886912%)

CAS: 14059-33-7

Density: 6.1

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

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 279.699

ALUMINUM HYDROXIDE (0.251144544%)

CAS: 21645-51-2

Density: 2.42

Molecular Weight: 78

Vapour Pressure: 0.0675

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 = 2.511

TOLUENE (0.24602392%)

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 = 0.025

BLOCK COPOLYMER (0.24413312704%)

CAS: SUB101356

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 = 244.133

CARBON BLACK (0.2338368%)

CAS: 1333-86-4

Density: 1.8

Relative Density: 1.95

Molecular Weight: 12.01

Boiling Point: 4200

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 6 Quotient = 0.009

FAD 3 Quotient = 0.023

ETHYL ALCOHOL (0.216743444%)

Organic Solvent.

CAS: 64-17-5

Density: 0.786

Relative Density: 0.8

Molecular Weight: 46.08

Boiling Point: 78.29

Vapour Pressure: 42.94865

LBLFactor = 200 (CAS=64175)

MAL Factor entered: 7. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 216.743

C.I. PIGMENT RED 170 (0.20379081416%)

CAS: 2786-76-7

Density: 1.408

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 = 2.038

diazocompound CI 21104 (0.18647832%)

CAS: 31775-16-3

Density: 1.4

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 = 1.865  
UNSUBSTITUTED DI-PYRROLOPYRROL (0.1807133396%)  
CAS: 54660-00-3  
Density: 0  
No LBL Factor entered or estimated from CAS Number or Boiling Point.  
No MAL Factor calculated.  
FAD: 1. (Default)  
FAD 1 Quotient = 180.713  
SUBSTITUTED AMIDE (0.1804623812%)  
CAS: 82199-12-0  
Density: 1.444  
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 = 1.805  
DIMETHYL GLUTARATE (0.17534478816%)  
CAS: 1119-40-0  
Density: 1.09  
Molecular Weight: 160.17  
Boiling Point: 216  
Vapour Pressure: 0.062  
No LBL Factor entered or estimated from CAS Number or Boiling Point.  
MAL Factor entered: 4. Limit: 0  
FAD entered: 1; Lower Limit: 0  
FAD 1 Quotient = 175.345  
N-BUTYL ACETATE (0.16187214944%)  
Organic Solvent.  
CAS: 123-86-4  
Density: 0.881  
Relative Density: 0.88  
Molecular Weight: 116.18  
Boiling Point: 126  
Vapour Pressure: 11.25096  
No LBL Factor entered or estimated from CAS Number or Boiling Point.  
MAL Factor entered: 14. Limit: 0  
FAD entered: 1; Lower Limit: 0  
FAD 1 Quotient = 161.872  
COPPER PHTHALO GREEN (0.1519890624%)  
CAS: 14302-13-7  
Density: 2.94  
Molecular Weight: 1393.9  
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 2 Quotient = 0.051  
COPPER PHTHALOCYANINE (0.11854510168%)  
CAS: 147-14-8

Density: 1.62  
Molecular Weight: 576.1  
Vapour Pressure: 0.000072  
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 2 Quotient = 0.040

2,9 DIMETHYL QUINACRIDONE (0.07873100448%)

CAS: 980-26-7  
Density: 1.45  
Molecular Weight: 340.4  
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 = 0.787

SILICA (0.071755584%)

CAS: 7631-86-9  
Density: 2  
Relative Density: 2.2  
Molecular Weight: 60.08  
Boiling Point: 2230  
No LBL Factor entered or estimated from CAS Number or Boiling Point.  
MAL Factor entered: 0. Limit: 0  
R Phrases: None  
FAD: 1. (Default)  
FAD 1 Quotient = 71.756

DIMETHYL SUCCINATE (0.06002086184%)

CAS: 106-65-0  
Density: 1.119  
Molecular Weight: 146.16  
Boiling Point: 196.2  
Vapour Pressure: 0.18  
No LBL Factor entered or estimated from CAS Number or Boiling Point.  
MAL Factor entered: 5. Limit: 0  
FAD entered: 1; Lower Limit: 0  
FAD 1 Quotient = 60.021

BARIUM SULFATE (0.053174016%)

CAS: 7727-43-7  
Density: 4.5  
Molecular Weight: 233.4  
Boiling Point: 1599.85  
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 = 53.174

non-hazardous polymer (0.03864%)

CAS: SUB137438  
Density: 0

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

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 38.64

ZIRCONIUM OXIDE (0.035877792%)

CAS: 1314-23-4

Density: 5.85

Molecular Weight: 123.22

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 = 0.359

TRIMETHYLOLPROPANE (0.0322900128%)

CAS: 77-99-6

Density: 1.084

Molecular Weight: 134.2

Boiling Point: 304.2

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 = 0.323

DIMETHYL ADIPATE (0.02607893328%)

CAS: 627-93-0

Density: 1.062

Molecular Weight: 174.22

Boiling Point: 230.9

Vapour Pressure: 0.021

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 = 0.261

ZINC ORTHOPHOSPHATE (0.0141797376%)

CAS: 7779-90-0

Density: 3.26

Molecular Weight: 386.05

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 = 14.180

copper phthalocyanine derivative (0.0130702464%)

CAS: SUB142534

Density: 0

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

MAL Factor from OEL: 0

R Phrases: None

FAD: 1. (Default)

FAD 1 Quotient = 13.070



ORGANIC DERIVATIVE OF A MONTMORILLONITE CLAY (0.012662286%)

CAS: 121888-68-4

Density: 1.1

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 1 Quotient = 0.127

METHYL ALCOHOL (0.01193933864%)

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 = 0.001

FAD 3 Quotient = 0.012

Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl derivs. (0.0116179968%)

CAS: 68411-06-3

Density: 1.6

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 2 Quotient = 0.004

2-METHOXY-1-PROPYL ACETATE (0.01134823744%)

Organic Solvent.

CAS: 70657-70-4

Density: 0.97

Molecular Weight: 132.18

Boiling Point: 150.5

Vapour Pressure: 2.9

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

MAL Factor entered: 181. Limit: 0

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

FAD 6 Quotient = 0.057

Talc, non-asbestos form (0.0093473184%)

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: No limit specified. A very low value will be used.

FAD 1 Quotient = 0.093

QUARTZ (>10 microns) (0.0092824%)

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

FAD 1 Quotient = 0.093

2-Propenoic acid, 2-methyl-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo- (0.00898253568%)

CAS: 7534-94-3

Density: 0.983

Molecular Weight: 222.33

Boiling Point: 275

Vapour Pressure: 0.009

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 = 0.002

FAD 3 Quotient = 0.009

CALCIUM MOLYBDATE (0.0070898688%)

CAS: 7789-82-4

Density: 4.4

Molecular Weight: 200.02

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 = 0.035

QUARTZ (<10 microns) (0.00492672328%)

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

FAD 6 Quotient = 0.000

FAD 3 Quotient = 0.005

ALUMINUM SILICATE (0.00387996784%)

CAS: 1332-58-7

Density: 2.6

Relative Density: 2.6

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 = 0.039

Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate (0.00356062816%)

CAS: SUB135541

Density: 0

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

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 3.561

CALCIUM CARBONATE (0.0031018176%)

CAS: 471-34-1

Density: 2.8

Molecular Weight: 100.09

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 = 0.031

Siloxanes and Silicones, methyl 3,3,3-trifluoropropyl (0.00288470784%)

CAS: 63148-56-1

Density: 0

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

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 2.885

BENZENE (0.002864244%)

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 = 0.029

PROPYLENE GLYCOL MONOMETHYL ETHER (0.00271969712%)

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 = 2.720

polymer (0.00093473184%)

CAS: SUB140228

Density: 0

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

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 0.935

WATER (0.00081657344%)

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

organotin compound (0.000793188%)

CAS: SUB143296

Density: 0

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

MAL Factor from OEL: 0

R Phrases: None

FAD: 1. (Default)

FAD 1 Quotient = 0.793

SODIUM SULPHATE (0.000753914%)

CAS: 7757-82-6

Density: 2.67

Relative Density: 2.7

Molecular Weight: 142.04

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 = 0.008

CALCIUM SULFATE (0.000753914%)

CAS: 7778-18-9

Density: 2.9

Relative Density: 2.96

Molecular Weight: 136.14

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 = 0.008

2-TERT-BUTYLAMINOETHYL METHACRYLATE (0.00074885688%)

CAS: 3775-90-4

Density: 0.914

Relative Density: 0.9

Molecular Weight: 185.3

Boiling Point: 215

Vapour Pressure: 0.04

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

FAD 5 Quotient = 0.000

dodecyltrimethylammonium chloride (0.00053733232%)

CAS: 112-00-5

Density: 0

Molecular Weight: 263.95

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

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 0.537

2'-ethoxy-3-hydroxy-2-naphthanilide (0.00050870584%)

CAS: 92-74-0

Density: 0.53

Molecular Weight: 307.34

Vapour Pressure: 0

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

R Phrases: N;R50/53

MAL Factor from Sub-Annex 2: 0

FAD: 1. (Default)

FAD 1 Quotient = 0.509

Bismuth vanadate (<10 microns) (0.00035094848%)

CAS: 14059-33-7

Density: 6.1

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

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 0.351

GRAPHITE (0.0003015656%)

CAS: 7782-42-5

Density: 2.2

Relative Density: 2.16

Molecular Weight: 12.01

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 = 0.003

ACETIC ACID (0.00021089248%)

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: 400. 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

1-BUTANOL (0.0001971844%)

Organic Solvent.

CAS: 71-36-3

Density: 0.81

Relative Density: 0.81

Molecular Weight: 74.14

Boiling Point: 119

Vapour Pressure: 6.750576

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 = 0.197

CUMENE (0.00016024%)

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

BUTYLATED HYDROXYTOLUENE (0.00009001696%)

CAS: 128-37-0

Density: 1.03

Relative Density: 1.048

Molecular Weight: 220.39

Boiling Point: 265

Vapour Pressure: 0.00825

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

ISOBUTYL METHACRYLATE (0.00008986264%)

Organic Solvent.

CAS: 97-86-9

Density: 0.88

Relative Density: 0.8858

Molecular Weight: 142.22

Boiling Point: 155

Vapour Pressure: 1.58263

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

FAD 5 Quotient = 0.000

DIMETHYL FORMAMIDE (0.0000178924%)

Organic Solvent.

CAS: 68-12-2

Density: 0.944

Relative Density: 0.95

Molecular Weight: 73.11

Boiling Point: 153

Vapour Pressure: 3.7

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

MAL Factor entered: 230. 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

2-methoxyaniline (0.00001716856%)

Organic Solvent.

Carcinogen.

CAS: 90-04-0

Density: 1.09

Relative Density: 1.1

Molecular Weight: 123.17

Boiling Point: 226.8

Vapour Pressure: 0.07501

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

MAL Factor from OEL: 40000 \*\* Warning: An Evaporation Rate Correction Factor of 2 was used. Contact the Authorities for a MAL Factor.

R Phrases: Xn;R22 Xn;R20

FAD: 1. (Default)

FAD 1 Quotient = 0.017

2-METHOXY-1-PROPANOL (0.0000084304%)

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 = 0.000

TIN (0.00000516424%)

CAS: 7440-31-5

Density: 7.2

Relative Density: 7.28

Molecular Weight: 118.69

Boiling Point: 2260

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

MAL Factor from OEL: 0

R Phrases: None

FAD: 1. (Default)

FAD 1 Quotient = 0.005

4-METHOXYPHENOL (0.00000374416%)

CAS: 150-76-5

Density: 1.6

Relative Density: 1.55

Molecular Weight: 124.15

Boiling Point: 243

Vapour Pressure: 0.00675

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

DENATONIUM BENZOATE (0.00000216752%)

CAS: 3734-33-6

Density: 0

Molecular Weight: 446.59

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

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 0.002

POLYCHLOROBIPHENYLS (0.00000130704%)

Carcinogen.

CAS: 1336-36-3

Density: 0

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

MAL Factor from OEL: 0

R Phrases: R33 N;R50/53

FAD: 1. (Default)

FAD 1 Quotient = 0.001

N,N-Dimethyl-1-Aminododecane (0.00000072616%)

CAS: 112-18-5

Density: 0.778

Molecular Weight: 213.46

Boiling Point: 260

Vapour Pressure: 0.00017

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 4 Quotient = 0.000

OCTAMETHYLCYCLOTETRASILOXANE (0.00000041216%)

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 = 0.000

ACETONE (0.00000034224%)

Organic Solvent.  
CAS: 67-64-1  
Density: 0.791  
Relative Density: 0.8  
Molecular Weight: 58.09  
Boiling Point: 56.05  
Vapour Pressure: 180.01463  
LBLFactor = 100 (BP=56.05)  
MAL Factor entered: 23. Limit: 0  
FAD entered: 1; Lower Limit: 0  
FAD 1 Quotient = 0.000

Density = 1.029. Entered value.

Figure-before-the dash = 4

Hydrocarbons, C9, aromatics (@31.75%). MAL Factor = 58. Total increased by  $31.75 \times 58 = 1841.25$ . Running Total = 1841.25

XYLENES(@16.19%). MAL Factor = 46. Total increased by  $16.19 \times 46 = 744.66$ . Running Total = 2585.91

TITANIUM DIOXIDE(@6.78%). MAL Factor = 0. Total increased by  $6.78 \times 0 = 0$ . Running Total = 2585.91

C14-C17 CHLORINATED HYDROCARBONS(@4.16%). MAL Factor = 0. Total increased by  $4.16 \times 0 = 0$ . Running Total = 2585.91

ETHYLBENZENE(@2.91%). MAL Factor = 46. Total increased by  $2.91 \times 46 = 133.86$ . Running Total = 2719.77

1-METHOXY-2-PROPYL ACETATE(@2.79%). MAL Factor = 19. Total increased by  $2.79 \times 19 = 53.08$ . Running Total = 2772.85

12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine(@0.51%). MAL Factor = 0. Total increased by  $0.51 \times 0 = 0.00$ .

Running Total = 2772.85

QUATERN.AM.CPS.BIS(HYDROGEN.TALLOW ALKYL)DIMET.-,BENTONITE(@0.45%). MAL Factor = 0. Total increased by  $0.45 \times 0 = 0$ . Running Total = 2772.85

cyclohexanone(@0.41%). MAL Factor = 70. Total increased by  $0.41 \times 70 = 28.65$ . Running Total = 2801.50

Diiron trioxide (@0.37%). MAL Factor = 0. Total increased by  $0.37 \times 0 = 0$ . Running Total = 2801.50

BLOCKED COPOLYMER(@0.36%). MAL Factor = 0. Total increased by  $0.36 \times 0 = 0$ . Running Total = 2801.50

IRON HYDROXIDE OXIDE(@0.30%). MAL Factor = 0. Total increased by  $0.30 \times 0 = 0$ . Running Total = 2801.50

METHYL METHACRYLATE(@0.30%). MAL Factor = 46. Total increased by  $0.30 \times 46 = 13.75$ . Running Total = 2815.25

N-BUTYL METHACRYLATE(@0.29%). MAL Factor = 16. Total increased by  $0.29 \times 16 = 4.63$ . Running Total = 2819.87

ALUMINUM HYDROXIDE(@0.25%). MAL Factor = 0. Total increased by  $0.25 \times 0 = 0$ . Running Total = 2819.87

TOLUENE(@0.25%). MAL Factor = 74. Total increased by  $0.25 \times 74 = 18.21$ . Running Total = 2838.08

CARBON BLACK(@0.23%). MAL Factor = 0. Total increased by  $0.23 \times 0 = 0$ . Running Total = 2838.08

ETHYL ALCOHOL(@0.22%). MAL Factor = 7. Total increased by  $0.22 \times 7 = 1.52$ . Running Total = 2839.59

C.I. PIGMENT RED 170(@0.20%). MAL Factor = 0. Total increased by  $0.20 \times 0 = 0$ . Running Total = 2839.59

diazocompound CI 21104(@0.19%). MAL Factor = 0. Total increased by  $0.19 \times 0 = 0$ . Running Total = 2839.59

SUBSTITUTED AMIDE(@0.18%). MAL Factor = 0. Total increased by  $0.18 \times 0 = 0$ . Running Total = 2839.59

DIMETHYL GLUTARATE(@0.18%). MAL Factor = 4. Total increased by  $0.18 \times 4 = 0.70$ . Running Total = 2840.30

N-BUTYL ACETATE(@0.16%). MAL Factor = 14. Total increased by  $0.16 \times 14 = 2.27$ . Running Total = 2842.56

COPPER PHTHALO GREEN(@0.15%). MAL Factor = 0. Total increased by  $0.15 \times 0 = 0$ . Running Total = 2842.56

COPPER PHTHALOCYANINE(@0.12%). MAL Factor = 0. Total increased by  $0.12 \times 0 = 0$ . Running Total = 2842.56

2,9 DIMETHYL QUINACRIDONE(@0.08%). MAL Factor = 0. Total increased by  $0.08 \times 0 = 0$ . Running Total = 2842.56

SILICA(@0.07%). MAL Factor = 0. Total increased by  $0.07 \times 0 = 0$ . Running Total = 2842.56  
DIMETHYL SUCCINATE(@0.06%). MAL Factor = 5. Total increased by  $0.06 \times 5 = 0.30$ . Running Total = 2842.86  
BARIUM SULFATE(@0.05%). MAL Factor = 0. Total increased by  $0.05 \times 0 = 0$ . Running Total = 2842.86  
ZIRCONIUM OXIDE(@0.04%). MAL Factor = 0. Total increased by  $0.04 \times 0 = 0$ . Running Total = 2842.86  
TRIMETHYLOLPROPANE(@0.03%). MAL Factor = 0. Total increased by  $0.03 \times 0 = 0$ . Running Total = 2842.86  
DIMETHYL ADIPATE(@0.03%). MAL Factor = 0. Total increased by  $0.03 \times 0 = 0$ . Running Total = 2842.86  
ZINC ORTHOPHOSPHATE(@0.01%). MAL Factor = 0. Total increased by  $0.01 \times 0 = 0$ . Running Total = 2842.86  
copper phthalocyanine derivative(@0.01%). MAL Factor = 0. Total increased by  $0.01 \times 0 = 0.00$ . Running Total = 2842.86  
ORGANIC DERIVATIVE OF A MONTMORILLONITE CLAY(@0.01%). MAL Factor = 0. Total increased by  $0.01 \times 0 = 0$ . Running Total = 2842.86  
METHYL ALCOHOL(@0.01%). MAL Factor = 54. Total increased by  $0.01 \times 54 = 0.64$ . Running Total = 2843.51  
Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl derivs.(@0.01%). MAL Factor = 0. Total increased by  $0.01 \times 0 = 0$ . Running Total = 2843.51  
2-METHOXY-1-PROPYL ACETATE(@0.01%). MAL Factor = 181. Total increased by  $0.01 \times 181 = 2.05$ . Running Total = 2845.56  
Talc, non-asbestos form(@0.01%). MAL Factor = 0. Total increased by  $0.01 \times 0 = 0$ . Running Total = 2845.56  
QUARTZ (>10 microns)(@0.01%). MAL Factor = 0. Total increased by  $0.01 \times 0 = 0$ . Running Total = 2845.56  
2-Propenoic acid, 2-methyl-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo-(@0.01%). MAL Factor = 0. Total increased by  $0.01 \times 0 = 0$ . Running Total = 2845.56  
CALCIUM MOLYBDATE(@0.01%). MAL Factor = 0. Total increased by  $0.01 \times 0 = 0$ . Running Total = 2845.56  
QUARTZ (<10 microns)(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2845.56  
ALUMINUM SILICATE(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2845.56  
CALCIUM CARBONATE(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2845.56  
BENZENE(@0.00%). MAL Factor = 880. Total increased by  $0.00 \times 880 = 2.52$ . Running Total = 2848.08  
PROPYLENE GLYCOL MONOMETHYL ETHER(@0.00%). MAL Factor = 28. Total increased by  $0.00 \times 28 = 0.08$ . Running Total = 2848.16  
WATER(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2848.16  
organotin compound(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0.00$ . Running Total = 2848.16  
SODIUM SULPHATE(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2848.16  
CALCIUM SULFATE(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2848.16  
2-TERT-BUTYLAMINOETHYL METHACRYLATE(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2848.16  
2'-ethoxy-3-hydroxy-2-naphthanilide(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0.00$ . Running Total = 2848.16  
GRAPHITE(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2848.16  
ACETIC ACID(@0.00%). MAL Factor = 400. Total increased by  $0.00 \times 400 = 0.08$ . Running Total = 2848.24  
1-BUTANOL(@0.00%). MAL Factor = 67. Total increased by  $0.00 \times 67 = 0.01$ . Running Total = 2848.25  
CUMENE(@0.00%). MAL Factor = 1. Total increased by  $0.00 \times 1 = 0.00$ . Running Total = 2848.26  
BUTYLATED HYDROXYTOLUENE(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2848.26  
ISOBUTYL METHACRYLATE(@0.00%). MAL Factor = 1. Total increased by  $0.00 \times 1 = 0.00$ . Running Total = 2848.26  
DIMETHYL FORMAMIDE(@0.00%). MAL Factor = 230. Total increased by  $0.00 \times 230 = 0.00$ . Running Total = 2848.26  
2-methoxyaniline(@0.00%). MAL Factor = 40000. Total increased by  $0.00 \times 40000 = 0.69$ . Running Total = 2848.95  
2-METHOXY-1-PROPANOL(@0.00%). MAL Factor = 267. Total increased by  $0.00 \times 267 = 0.00$ . Running Total = 2848.95  
TIN(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0.00$ . Running Total = 2848.95  
4-METHOXYPHENOL(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2848.95  
POLYCHLOROBIPHENYLS(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0.00$ . Running Total = 2848.95  
N,N-Dimethyl-1-Aminododecane(@0.00%). MAL Factor = 0. Total increased by  $0.00 \times 0 = 0$ . Running Total = 2848.95  
OCTAMETHYLCYCLOTETRASILOXANE(@0.00%). MAL Factor = 1. Total increased by  $0.00 \times 1 = 0.00$ . Running Total = 2848.95  
ACETONE(@0.00%). MAL Factor = 23. Total increased by  $0.00 \times 23 = 0.00$ . Running Total = 2848.95  
Figure-before-the-dash calculated as 4. Via MAL Factor Total \* Density (2848.95 \* 1.029) giving a MAL Number of 2932  
MAL Number = Density (1.029) \* Sum (2848.95) = 2932  
Figure-after-the-dash = 3. Calculated from component data.  
Hydrocarbons, C9, aromatics (@31.75%) Increasing Total for FAD1 by 317.4572, giving 317.4572  
acrylic polymer based on methyl methacrylate and n-butyl methacrylate (@27.57%) Increasing Total for FAD1 by 27570.561424, giving 27888.018624



Talc, non-asbestos form (@0.01%) Increasing Total for FAD1 by 0.093473184, giving 46263.9992544872  
QUARTZ (>10 microns) (@0.01%) Increasing Total for FAD1 by 0.092824, giving 46264.0920784872  
2-Propenoic acid, 2-methyl-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo- (@0.00898253568%) Increasing Total for FAD5 by 0.001796507136, giving 0.350649012512  
2-Propenoic acid, 2-methyl-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo- (@0.01%) Increasing Total for FAD3 by 0.00898253568, giving 2.27762830080  
CALCIUM MOLYBDATE (@0.01%) Increasing Total for FAD1 by 0.035449344, giving 46264.1275278312  
QUARTZ (<10 microns) (@0.00%) Increasing Total for FAD6 by 0.000492672328, giving 0.067184298460  
QUARTZ (<10 microns) (@0.00%) Increasing Total for FAD3 by 0.00492672328, giving 2.28255502408  
ALUMINUM SILICATE (@0.00%) Increasing Total for FAD1 by 0.0387996784, giving 46264.1663275096  
Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate (@0.00%) Increasing Total for FAD1 by 3.56062816, giving 46267.7269556696  
CALCIUM CARBONATE (@0.00%) Increasing Total for FAD1 by 0.031018176, giving 46267.7579738456  
Siloxanes and Silicones, methyl 3,3,3-trifluoropropyl (@0.00%) Increasing Total for FAD1 by 2.88470784, giving 46270.6426816856  
BENZENE (@0.00%) Increasing Total for FAD6 by 0.02864244, giving 0.095826738460  
PROPYLENE GLYCOL MONOMETHYL ETHER (@0.00%) Increasing Total for FAD1 by 2.71969712, giving 46273.3623788056  
polymer (@0.00%) Increasing Total for FAD1 by 0.93473184, giving 46274.2971106456  
organotin compound (@0.00%) Increasing Total for FAD1 by 0.793188, giving 46275.0902986456  
SODIUM SULPHATE (@0.00%) Increasing Total for FAD1 by 0.00753914, giving 46275.0978377856  
CALCIUM SULFATE (@0.00%) Increasing Total for FAD1 by 0.00753914, giving 46275.1053769256  
2-TERT-BUTYLAMINOETHYL METHACRYLATE (@0.00074885688%) Increasing Total for FAD5 by 0.000149771376, giving 0.350798783888  
2-TERT-BUTYLAMINOETHYL METHACRYLATE (@0.00%) Increasing Total for FAD3 by 0.00074885688, giving 2.28330388096  
dodecyltrimethylammonium chloride (@0.00%) Increasing Total for FAD1 by 0.53733232, giving 46275.6427092456  
2'-ethoxy-3-hydroxy-2-naphthanilide (@0.00%) Increasing Total for FAD1 by 0.50870584, giving 46276.1514150856  
Bismuth vanadate (<10 microns) (@0.00%) Increasing Total for FAD1 by 0.35094848, giving 46276.5023635656  
GRAPHITE (@0.00%) Increasing Total for FAD1 by 0.003015656, giving 46276.5053792216  
ACETIC ACID (@0.00%) Increasing Total for FAD4 by 0.0000084356992, giving 0.0000084356992  
ACETIC ACID (@0.00%) Increasing Total for FAD3 by 0.000021089248, giving 2.283324970208  
1-BUTANOL (@0.00%) Increasing Total for FAD1 by 0.1971844, giving 46276.7025636216  
CUMENE (@0.00%) Increasing Total for FAD3 by 0.00016024, giving 2.283485210208  
BUTYLATED HYDROXYTOLUENE (@0.00%) Increasing Total for FAD3 by 0.00009001696, giving 2.283494211904  
ISOBUTYL METHACRYLATE (@0.00008986264%) Increasing Total for FAD5 by 0.000017972528, giving 0.350816756416  
ISOBUTYL METHACRYLATE (@0.00%) Increasing Total for FAD3 by 0.00008986264, giving 2.283584074544  
DIMETHYL FORMAMIDE (@0.00%) Increasing Total for FAD6 by 0.00000357848, giving 0.095830316940  
DIMETHYL FORMAMIDE (@0.00%) Increasing Total for FAD3 by 0.000178924, giving 2.283762998544  
2-methoxyaniline (@0.00%) Increasing Total for FAD1 by 0.01716856, giving 46276.7197321816  
2-METHOXY-1-PROPANOL (@0.00%) Increasing Total for FAD6 by 0.0000042152, giving 0.095834532140  
TIN (@0.00%) Increasing Total for FAD1 by 0.00516424, giving 46276.7248964216  
4-METHOXYPHENOL (@0.00000374416%) Increasing Total for FAD5 by 0.00000374416, giving 0.350820500576  
DENATONIUM BENZOATE (@0.00%) Increasing Total for FAD1 by 0.00216752, giving 46276.7270639416  
POLYCHLOROBIPHENYLS (@0.00%) Increasing Total for FAD1 by 0.00130704, giving 46276.7283709816  
N,N-Dimethyl-1-Aminododecane (@0.00%) Increasing Total for FAD4 by 0.00000072616, giving 0.0000091618592  
OCTAMETHYLCYCLOTETRAILOXANE (@0.00%) Increasing Total for FAD3 by 0.00000041216, giving 2.283763410704  
ACETONE (@0.00%) Increasing Total for FAD1 by 0.00034224, giving 46276.7287132216  
Figure-after-the-dash =3. Total of components with FAD=3 is >=1.

Low Boiling Liquid = False.

ETHYL ALCOHOL (@0.22%) Total increased by  $0.22 \times 7/200 = 0.01$ . Running Total = 0.01

METHYL ALCOHOL (@0.01%) Total increased by  $0.01 \times 54/100 = 0.01$ . Running Total = 0.01

ACETONE (@0.00%) Total increased by  $0.00 \times 23/100 = 0.00$ . Running Total = 0.01

Density \* (Sum of components Concentration \* MALFactor/LBLFactor) = 0.01

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** : 4-3

**MAL Number** : 2931.57

**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: 4-3

**Application:** When spraying in new\* booths if the operator is outside 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 and eye protection must be worn.

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.

- Air-supplied half mask, coveralls and eye protection 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.

- Air-supplied full mask and coveralls must be worn.

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

- Air-supplied full mask, arm protectors and apron must be worn.

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 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, coveralls 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.