

ECC243 INTERGARD 740 RAL2008 BTREDORANGE PT A

5 10/25/14

1.

1.1. INTERGARD 740 RAL2008 BTREDORANGE PT A
ECC243

1.2.

1.3.

626-6

(8-6)

1.4.

055-632-6286(),055 586 2310()
055 587 6276()
055 586 2310()
055 586 2310()

2.

2.1. 3; H226
/
2;H315
/
2;H319
1;H317
-
3;H412

2.2.
11 , 12



H315
H317
H319
H412

[]:

P210 / / / - .
P260 / / .
P261 / /가 / / / .
P262 , , .
P264 .
P272 .
P273 .
P280 / / / .

[]:

P301+310 : / .
P302+352 : .
P303+361+353 () : .
 / .
P305+351+338 가 : . 가 .
 . - .
P321 () .
P331 .
P333+313 / .
P337 : .
P362 .
P363 .
P370 : .
P378 , , , .

[]:

P403+233 가 .

[]:

P501 () .

2.3. .
 PBT (,) vPvB (,) .

3.

/	%	GHS	
xylene CAS No: 0001330-20-7	10-20	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2A;H319 -1 ;H336 - 1;H372	[1][2]
Epoxy resin (av.mol.wt.<700) CAS No: 0025068-38-6	10-20	/ 2;H319 / 2;H315 1;H317 - 2;H411	[1]
Cyclohexanol, 4,4(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane	2.5-5	1;H317 - 2;H411	[1]

CAS No: 0030583-72-3			
Ethylbenzene CAS No: 0000100-41-4	2.5-5	2;H225 - 4;H332 - 3;H373 1;H304 / 2;H315 / 2;H319 -1 ;H335	[1][2]
Titanium dioxide CAS No: 0013463-67-7	2.5-5		[1][2]
Propylene glycol mono methyl ether CAS No: 0000107-98-2	1-2.5	3; H226 -1 ;H336	[1][2]
1-Methoxy-2-propyl acetate CAS No: 0000108-65-6	1-2.5	3; H226	[1]
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	1-2.5	1;H304	[1]
polyamide dispersion CAS No: 0055349-01-4	<1	1;H317 - 4;H413	[1]
	50-60	---	---

- 1)
- 2)가
- 3) PBTvPvB16

4.

4.1.

가

가

10

4.2.가/

4.3.

5. ,

5.1.

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Note; 가 .

가 .

5.2.

가 :
 , , , .

5.3.

가 .
가 .

6.

6.1.

가 가 가 , 가
가 가 .

6.2.

가 .

6.3.

. 8 .
 , , 가 . (13 .)
가 .
가 .
 , 가 , 가 . ,
가 .

7.

7.1.

가 .
 , 가 (LEL) (OEL)
 .
가 .
 .

가

가 (LEL) (OEL)

7.2. ()

8

가 , 가

61

가 , 1

7.3. Specific end use(s)

가

가 , 가 . 3

Hot surfaces, Sparks,

가 (60% ,)

8.

8.1.	(OEL)	(ACGIH)			
		(ACGIH)			
		ppm	mg/m ³	ppm	mg/m ³
Barium Sulphate				2	10
Ethylbenzene		125	545	100	435
Propylene glycol mono methyl ether		150	540	100	360
Talc					2
Titanium dioxide					10
xylene		150	655	100	434

(P) (Peak exposure limit)
(R)
(Sk)
(Sen)
(Cat 1)
(Cat 2) 가
(Cat 3)

DNEL/PNEC

8.2. 가

가 , (visor)

(overall)

가

가 가

9.

pH / (°C) 108
(°C) 27
(= 1)
(,)
/ : 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.29

n- / (Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

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10.3.

가

10.4.

10.5.

10.6.

가

11.

(OEL)

가

Data

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2

	LD50,	LD50,		
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	mg/kg	mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
1-Methoxy-2-propyl acetate - (108-65-6)	8,532.00,	5,000.00,		
Cyclohexanol, 4,4(1-methylethylidene) bis-, polymer with (chloromethyl)oxirane - (30583-72-3)				
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	2,000.00,	2,000.00,		
Ethylbenzene - (100-41-4)	3,500.00,	15,433.00,	17.20,	
polyamide dispersion - (55349-01-4)				
Propylene glycol mono methyl ether - (107-98-2)	5,000.00,	13,000.00,		
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00,	3,400.00,		
Titanium dioxide - (13463-67-7)	10,000.00,	10,000.00,		6.82,
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

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/	2	.
/	2	
	1	.
(1)		
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12.

12.1.

Dangerous Preparations Directive 1999/45/EC

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(3)

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	96 hr LC50 mg/l ,	49 hr EC50 mg/l ,	ErC50 mg/l ,
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Epoxy resin (av.mol.wt.<700) - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	
Cyclohexanol, 4,4(1-			

methylethylidene)bis-, polymer with (chloromethyl)oxirane - (30583-72-3)			
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Propylene glycol mono methyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
1-Methoxy-2-propyl acetate - (108-65-6)	100.00, Salmo gairdneri	500.00, Daphnia magna	
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
polyamide dispersion - (55349-01-4)			

12.2.

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12.3.

12.4.

12.5. , , 가
PBT (,) vPvB (,) .

12.6.

13.

13.1.

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가

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14.

14.1. 1263

14.2.

14.3.

1263, , 3, III, 3[Y]

IMDG Class/Div. 3

EmS F-E,S-E

ICAO/IATA 3

14.4. III

14.5.

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IMDG

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14.6. 가

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14.7. MARPOL73/78 Annex II IBC Code .

15.

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4 , 2 , III

MSDS 8 .

Ethylbenzene (0000100-41-4)
Talc (0014807-96-6)
Titanium dioxide (0013463-67-7)

(CMR):

Ethylbenzene (0000100-41-4)
Titanium dioxide (0013463-67-7)

:

Ethylbenzene (0000100-41-4)
Titanium dioxide (0013463-67-7)
xylene (0001330-20-7)

:

Ethylbenzene (0000100-41-4)
xylene (0001330-20-7)

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Group I:

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Group II:

Barium Sulphate (0007727-43-7)
Epoxy resin (av.mol.wt.<700) (0025068-38-6)
Ethylbenzene (0000100-41-4)
xylene (0001330-20-7)

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Talc (0014807-96-6)

16.

: 10/25/2014

: 5

: 06/01/2009

MSDS KOSHA, NITE, ESIS, NLM, SIDS, IPCS, NCIS

SDS

Section 3 Phrases

H225

H226

H304

H312

H315

H317

H319

H332

H335

H336

H372

H373

H411

This SDS is valid for 5 years from the revised date on page 1.



Akzo Nobel

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