

ECD710 INTERGARD 740 DARK GREY PART A

4

10/25/14

1.

1.1. INTERGARD 740 DARK GREY PART A
ECD710

1.2. 0601299 (Unknown)

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
- 4;H312
- 4;H332
/
2;H315
1;H317
-
2;H401

2.2.
11 , 12



H312
H315
H317
H332

[]:

P210 / / /
P260 / /
P261 / /가 / / /
P262 , ,
P271 가
P272
P273
P280 / / /

[]:

P301+310 : /
P302+352 :
P303+361+353 () :
/
P304+312 : /
P331
P333+313 /
P340 가
P362
P363
P370 :

[]:

P403+233 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
xylene CAS No: 0001330-20-7	20-30	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2;H319 -1 ;H336 - 1;H372	[1][2]
Cyclohexanol, 4,4(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane CAS No: 0030583-72-3	20-30	1;H317 - 2;H411	[1]
Titanium dioxide CAS No: 0013463-67-7	10-20		[1][2]
Ethylbenzene CAS No: 0000100-41-4	5-10	2;H225 - 4;H332 - 3;H373 1;H304	[1][2]

		/ 2;H315 / 2;H319 -1 ;H335	
Propylene glycol mono methyl ether CAS No: 0000107-98-2	2.5-5	3; H226 -1 ;H336	[1][2]
Silica(quartz) CAS No: 0014808-60-7	1-2.5	- 4;H332 - 3;H373	[1][2]
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) PBT vPvB
16

4.

4.1.

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가

10

4.2. 가 /

4.3.

5. ,

5.1.

; , , , .

Note;

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가

5.2.

가

5.3.

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가

6.

6.1.

가

가

가

가

6.2.

가

6.3.

.8

가

가

(13 .)

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 . 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
Silica(quartz)				0.1
Talc				2
Titanium dioxide				10
xylene	150	655	100	434

(P) (Peak exposure limit)

(R)
(Sk)
(Sen)
(Cat 1)
(Cat 2)
(Cat 3)

가

DNEL/PNEC

8.2.

가

가

(visor)

(overall)

가

가

.가

가

9.

pH

/ (°C)

(°C)

117

27

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

n- / (Log Kow)

9.2.

10.

10.1.

10.2.

(Section 7)

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10.3.

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10.4.

(7 .)

10.5.

10.6.

가

11.

(OEL)

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Data

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2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Cyclohexanol, 4,4(1-methylethylidene)				

bis-, polymer with (chloromethyl)oxirane - (30583-72-3)				
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,		
Silica(quartz) - (14808-60-7)				
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,

()		
()	4	
()	4	
/	2	
/		
	1	
(1)		
()		

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
Cyclohexanol, 4,4(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane - (30583-72-3)			
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus	2.93, Daphnia	

	mykiss	magna	3.60 (96 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
Silica(quartz) - (14808-60-7)			
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.

가

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 :

14.6. 가

가

14.7.

MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

MSDS 8

0601299 (Unknown)

Silica(quartz) (0014808-60-7)

Ethylbenzene (0000100-41-4)

Talc (0014807-96-6)

Titanium dioxide (0013463-67-7)

0601299 (Unknown)

carbon black (0001333-86-4)

Silica(quartz) (0014808-60-7)

Ethylbenzene (0000100-41-4)

Titanium dioxide (0013463-67-7)

0601299 (Unknown)

Ethylbenzene (0000100-41-4)

Titanium dioxide (0013463-67-7)

xylene (0001330-20-7)

0601299 (Unknown)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

0601299 (Unknown)

0601299 (Unknown)

0601299 (Unknown)

0601299 (Unknown)

0601299 (Unknown)

0601299 (Unknown)

Barium Sulphate (0007727-43-7)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

0601299 (Unknown)

0601299 (Unknown)

0601299 (Unknown)

Talc (0014807-96-6)

16.

: 4

: 03/24/2006

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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