

ECB000/S INTERGARD 740 WHITE PART A

4

10/25/14

1.

1.1. INTERGARD 740 WHITE PART A
ECB000/S

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

-1 ;H335

3;H412

2.2.

11 , 12



H226
H315
H317
H319
H335
H412

[]:

P210 / / /
P260 / /
P261 / /가 / / /
P262 , ,
P264
P271 가
P272
P273
P280 / / /

[]:

P301+310 : /
P302+352 :
P303+361+353 () :
/
P304+312 : /
P305+351+338 가 : .가
P312 /
P321 ().
P331
P333+313 /
P337 :
P340 가
P362
P363
P370 :
P378 , , ,

[]:

P403+233 가
P405 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
EPOXY RESIN CAS No: 0025036-25-3	20-30	/ 2;H319 / 2;H315, 1;H317	[1]
xylene	20-30	3; H226	[1][2]

CAS No: 0001330-20-7		- 4;H312 - 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	
Titanium dioxide CAS No: 0013463-67-7	20-30		[1][2]
Propylene glycol mono methyl ether CAS No: 0000107-98-2	5-10	3; H226 -1 ;H336	[1][2]
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]
Amorphous Silica CAS No: 0007631-86-9	1-2.5		[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]
	10-20	---	---

- 1)
- 2) 가
- 3) PBT vPvB
16

4.

4.1.

가

가

4.2. 가 /

4.3.

5.

5.1.

; , , , .

Note; 가 .

가 .

5.2.

, , , 가 . :

5.3.

가 .
가 .

6.

6.1.

가 가 가 , 가

6.2.

가 .

6.3.

.8 .

, , 가 . (13 .)

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

. 3

Hot surfaces, Sparks,

가

(60% ,)

8.

8.1.

(OEL)

(ACGIH)

(ACGIH)

ppm

mg/m³

ppm

mg/m³

Barium Sulphate

2

10

Ethylbenzene

125

545

100

435

Propylene glycol mono methyl ether

150

540

100

360

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

가

9.

pH

/ (°C)

(°C)

65

27

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.32

n- / (Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

가

10.3.

가

10.4.

.(7 .)

10.5.

10.6.

가

11.

(OEL)

가

가

가

2

LD50,
mg/kg

LD50,
mg/kg

LD50,

/

LD50,

			mg/L/4hr	mg/L/4hr
Amorphous Silica - (7631-86-9)	5,110.00,	5,000.00,		
EPOXY RESIN - (25036-25-3)				
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,		
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)	3	
()		

12.

12.1. Dangerous Preparations Directive 1999/45/EC 가 .(3 .)

가 .

	96 hr LC50 mg/l ,	49 hr EC50 mg/l ,	ErC50 mg/l ,
EPOXY RESIN - (25036-25-3)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
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

Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Amorphous Silica - (7631-86-9)	10,000.00, Danio rerio	10,000.00, Daphnia magna	10,000.00 (72 hr), Scenedesmus subspicatus
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.

가 .

12.3.

12.4.

12.5. , , 가
PBT (,) vPvB (,) .

12.6.

13.

13.1.

가

14.

14.1.

14.2.

14.3.

IMDG Class/Div.

EmS

ICAO/IATA

14.4.

14.5.

:

IMDG :

14.6. 가

가

14.7.

MARPOL73/78 Annex II IBC Code .

15.

4 , 2 , III

MSDS 8

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

(CMR):

ethanol (0000064-17-5)
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)
Ethylbenzene (0000100-41-4)
xylene (0001330-20-7)

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()

:

()

16.

: 10/25/2014
:
: 4
: 09/28/2010

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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