

**ECG287 INTERGARD 740 RED**

4

10/25/14

**1.**

1.1. INTERGARD 740 RED  
ECG287

1.2. 0701456 (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  
1B;H350  
1A;H360  
-  
2;H401

2.2. 11 , 12



H226  
H312  
H315  
H317  
H332  
H350  
H360

[ ]:

P201  
P202  
P210 / / /  
P260 / /  
P261 / /가 / / /  
P262 , ,  
P264  
P271 가  
P272  
P273  
P280 / / /

[ ]:

P301+310 : /  
P302+352 :  
P303+361+353 ( ) :  
/  
P304+312 : /  
P308+313 : /  
P321 ( ).  
P322 ( ).  
P331  
P333 :  
P340 가  
P362  
P363  
P370 :  
P378 , , ,  
[ ]:  
P403+233 가  
P405 가  
[ ]:  
P501 ( )

2.3. PBT ( , ) vPvB ( , )

3.

/	%	GHS	
xylene	30-40	3; H226	[1][2]

CAS No: 0001330-20-7		- 4;H312 - 4;H332 / 2;H315 / 2AIH319 -1 ;H336 - 1;H372	
Cyclohexanol, 4,4(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane CAS No: 0030583-72-3	10-20	1;H317 - 2;H411	[1]
Propylene glycol mono methyl ether CAS No: 0000107-98-2	5-10	3; H226 -1 ;H336	[1][2]
C.i. pigment red 104 CAS No: 0012656-85-8	5-10	1B;H350 1A;H360Df - 3;H373 - 1;H400 - 1;H410	[1]
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	1-2.5	1;H304	[1]
polyamide dispersion CAS No: 0055349-01-4	1-2.5	1;H317 - 4;H413	[1]
	40-50	---	---

- 1)
- 2) 가
- 3) PBT vPvB  
16

4.

4.1.

가

가

10

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/m<sup>3</sup>

ppm

mg/m<sup>3</sup>

Barium Sulphate

2

10

Propylene glycol mono methyl ether

150

540

100

360

Talc

2

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)

65

27

( = 1)

( , )

/

: 1.1 ( xylene )

: 6.6 ( xylene )

(Pa)

n- / (Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7 )

10.3. 가 가

10.4.

.(7 .)

10.5.

10.6.

가

11.

(OEL)

가

Data

가

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
C.i. pigment red 104 - (12656-85-8)	5,000.00,			
Cyclohexanol, 4,4(1-methylethylidene)				

bis-, polymer with (chloromethyl)oxirane - (30583-72-3)				
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,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

( )		
( )	4	
( )	4	
/	2	
/		
	1	
	1B	
	1A	
(1 )		
( )		

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
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)			
Propylene glycol mono methyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
C.i. pigment red 104 - (12656-85-8)	2,500.00, Leuciscus idus		
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.

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.

:

IMDG

:

14.6.

가

가

14.7.

MARPOL73/78 Annex II IBC Code .

15.

**MSDS 8**

0701456 (Unknown)

Talc (0014807-96-6)

0701456 (Unknown)

carbon black (0001333-86-4)

ethanol (0000064-17-5)

0701456 (Unknown)

xylene (0001330-20-7)

0701456 (Unknown)

xylene (0001330-20-7)

0701456 (Unknown)

0701456 (Unknown)

0701456 (Unknown)

C.i. pigment red 104 (0012656-85-8)

0701456 (Unknown)

0701456 (Unknown)

0701456 (Unknown)

Barium Sulphate (0007727-43-7)

xylene (0001330-20-7)

0701456 (Unknown)

0701456 (Unknown)

0701456 (Unknown)

Talc (0014807-96-6)

**16.**

: 10/25/2014

: 4

: 03/24/2006

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

SDS

Section 3 Phrases

H226

H304

H312

H315

H317

H319  
H332  
H336  
H350  
H360Df  
H372  
H373  
H400  
H410  
H411  
H413

가

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



Akzo Nobel

가