

KNA784/T INTERGARD 787 LIGHT RED PART A

4

10/28/14

1.

1.1. INTERGARD 787 LIGHT RED PART A
KNA784/T

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

/

1;H318

1;H317

2.2.

11 , 12



H226

H315

H317

H318

[]:

P210 / / /

P260 / /

P261 / /가 / / /

P262 , ,

P264

P272

P273

P280 / / /

[]:

P301+310 : /

P302+352 :

P303+361+353 () :

P305+351+338 가 : .가

P310 /

P321 ().

P331

P333+313 /

P362

P363

P370 :

P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
EPOXY RESIN CAS No: 0025036-25-3	30-40	/ 2;H319 / 2;H315, 1;H317	[1]
xylene CAS No: 0001330-20-7	10-20	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2;H319 -1 ;H336 - 1;H372	[1][2]
Iron(III) oxide CAS No: 0001332-37-2	2.5-5		[1]
Aluminium, alkyls CAS No: 0007429-90-5	2.5-5	Water react. 2;H261 H250	[1][2]
n-Butanol	2.5-5	3; H226	[1][2]

CAS No: 0000071-36-3		- 4;H302 -1 ;H335 / 2;H315 / 1;H318 -1 ;H336	
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]
	30-40	---	---

- 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.

()

가 , 가
가 , 1 가

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

Aluminium, alkyls

2

n-Butanol

C50 C150

Talc

2

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

36

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.38

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

가

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Aluminium, alkyls - (7429-90-5)				
EPOXY RESIN - (25036-25-3)				
Iron(III) oxide - (1332-37-2)				
n-Butanol - (71-36-3)	2,292.00,	3,430.00,		
polyamide dispersion - (55349-01-4)				
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,

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()		
()		

/	2	.
/	1	
	1	.
(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
EPOXY RESIN - (25036-25-3)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Iron(III) oxide - (1332-37-2)			
Aluminium, alkyls - (7429-90-5)	0.12, Oncorhynchus mykiss	3.50, Daphnia magna	
n-Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 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. 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.

4 , 2 , III

MSDS 8

Aluminium, alkyls (0007429-90-5)

n-Butanol (0000071-36-3)

Red Iron Oxide (0001332-37-2)

Talc (0014807-96-6)

(CMR):

Silica(quartz) (0014808-60-7)

ethanol (0000064-17-5)

Ethylbenzene (0000100-41-4)

:

Aluminium, alkyls (0007429-90-5)

n-Butanol (0000071-36-3)

xylene (0001330-20-7)

:

Aluminium, alkyls (0007429-90-5)

n-Butanol (0000071-36-3)

Red Iron Oxide (0001332-37-2)

xylene (0001330-20-7)

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Group I:

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Group II:

Aluminium, alkyls (0007429-90-5)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

:

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()

:

Talc (0014807-96-6)

16.

: 10/28/2014

: 4

: 06/29/2010

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

SDS

Section 3 Phrases

H226

H250

H261

가

H302

H304

H312

H315

H317

H318

H319

H332

H335

H336

H372

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



Akzo Nobel

가