

HRF287 INTERFINE 629 RAL3000 FLAME RED PART A

4

10/27/14

1.

1.1. INTERFINE 629 RAL3000 FLAME RED PART A
HRF287

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

3;H412

2.2.

11 , 12



H226

H315

H319

H412

[]:

P210 / / /

P260 / /

P262 , ,

P264

P273

P280 / / /

[]:

P301+310 : /

P302+352 :

P303+361+353 () :

P305+351+338 가 : .가

P321 ().

P331

P337+313 : /

P362

P370 :

P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3.

PBT (,) vPvB (,)

3.

/	%	GHS	
Acrylic Resin CAS No: 0009900-07-6	30-40		[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]
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	5-10	1;H304	[1]
Propanol, oxybis-, dibenzoate CAS No: 0027138-31-4	2.5-5		[1]
n-Butyl acetate CAS No: 0000123-86-4	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]
1-methyl-2-pyrrolidone CAS No: 0000872-50-4	<1	1B;H360D / 2;H319 -1 ;H335	[1]

		/ 2;H315	
	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. ()

,8

가 , 가

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

Barium Sulphate

2

10

n-Butyl acetate

200

950

150

710

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)

108

23

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.41

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

가

(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
Acrylic Resin - (9900-07-6)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Propanol, oxybis-, dibenzoate - (27138-31-4)			
n-Butyl acetate - (123-86-4)	18.00, Pimephales promelas	32.00, Artemia salina	674.70 (72 hr), Scenedesmus subspicatus
1-Methoxy-2-propyl acetate - (108-65-6)	100.00, Salmo gairdneri	500.00, Daphnia magna	
1-methyl-2-pyrrolidone - (872-50-4)	500.00, Leuciscus idus	1.23, Daphnia magna	500.00 (72 hr), Scenedesmus subspicatus

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 .

n-Butyl acetate (0000123-86-4)

(CMR):

Cyclohexanone (0000108-94-1)

Titanium dioxide (0013463-67-7)

:

n-Butyl acetate (0000123-86-4)

xylene (0001330-20-7)

:

xylene (0001330-20-7)

가 :

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()

:
()

Group I:

()

Group II:

Barium Sulphate (0007727-43-7)

xylene (0001330-20-7)

:
()

()

:
()

16.

: 10/27/2014

: 4

: 10/20/2010

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

SDS

Section 3 Phrases

H226

H304

H312

H315

H319

H332

H335

H336

H372

H411

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



Akzo Nobel

가