

HRC633 INTERFINE 629 RAL5009 AZURE BLUE PT A

4

10/27/14

1.

1.1. INTERFINE 629 RAL5009 AZURE BLUE PT A  
HRC633

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]
Titanium dioxide CAS No: 0013463-67-7	2.5-5		[1][2]
Propanol, oxybis-, dibenzoate CAS No: 0027138-31-4	2.5-5		[1]
1-Methoxy-2-propyl acetate CAS No: 0000108-65-6	1-2.5	3; H226	[1]
n-Butyl acetate CAS No: 0000123-86-4	1-2.5	3; H226 -1 ;H336	[1][2]
1-methyl-2-pyrrolidone	<1	1B;H360D	[1]

CAS No: 0000872-50-4		/ 2;H319 -1 ;H335 / 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 , 61  
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

n-Butyl acetate

200

950

150

710

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)

126.5

23

( = 1)

( , )

/

: 1.1 ( xylene )

: 6.6 ( xylene )

(Pa)

1.36

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7 )

가

10.3.

가

10.4.

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
1-Methoxy-2-propyl acetate - (108-65-6)	8,532.00,	5,000.00,		
1-methyl-2-pyrrolidone - (872-50-4)	3,914.00,	8,000.00,		
Acrylic Resin - (9900-07-6)				
n-Butyl acetate - (123-86-4)	10,700.00,	17,600.00,		
Propanol, oxybis-, dibenzoate - (27138-31-4)				
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,

( )		
( )		
( )		
/	2	
/	2	

(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
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Propanol, oxybis-, dibenzoate - (27138-31-4)			
1-Methoxy-2-propyl acetate - (108-65-6)	100.00, Salmo gairdneri	500.00, Daphnia magna	
n-Butyl acetate - (123-86-4)	18.00, Pimephales promelas	32.00, Artemia salina	674.70 (72 hr), Scenedesmus subspicatus
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)  
Titanium dioxide (0013463-67-7)

(CMR):

carbon black (0001333-86-4)  
Cyclohexanone (0000108-94-1)  
Ethylbenzene (0000100-41-4)

Titanium dioxide (0013463-67-7)

:

n-Butyl acetate (0000123-86-4)

Titanium dioxide (0013463-67-7)

xylene (0001330-20-7)

:

xylene (0001330-20-7)

가

:

( )

:

( )

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( )

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( )

**Group I:**

( )

**Group II:**

Barium Sulphate (0007727-43-7)

xylene (0001330-20-7)

:

( )

( )

:

( )

**16.**

: 10/27/2014

: 4

: 07/24/2013

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