

**HRY999 INTERFINE 629 BLACK PART A**

4

10/27/14

**1.**

**1.1.** INTERFINE 629 BLACK PART A  
HRY999

**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<br>CAS No: 0009900-07-6                               | 30-40 |   | [1]    |
| xylene<br>CAS No: 0001330-20-7                                      | 10-20 | 3; H226<br>- 4;H312<br>- 4;H332<br>/ 2;H315<br>/ 2;H319<br>-1 ;H336<br>- 1;H372 | [1][2] |
| Solvent naphtha (petroleum), light aromatic<br>CAS No: 0064742-95-6 | 5-10  | 1;H304  | [1]    |
| Propanol, oxybis-, dibenzoate<br>CAS No: 0027138-31-4               | 2.5-5 |   | [1]    |
| carbon black<br>CAS No: 0001333-86-4                                | 2.5-5 |   | [1][2] |
| n-Butyl acetate<br>CAS No: 0000123-86-4                             | 1-2.5 | 3; H226<br>-1 ;H336   | [1][2] |
| 1-Methoxy-2-propyl acetate<br>CAS No: 0000108-65-6                  | 1-2.5 | 3; H226   | [1]    |
| 1-methyl-2-pyrrolidone  | <1    | 1B;H360D  | [1]    |

|                      |       |                                  |     |
|----------------------|-------|----------------------------------|-----|
| CAS No: 0000872-50-4 |       | / 2;H319<br>-1 ;H335<br>/ 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

carbon black

3.5

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)

126.5

23

( = 1)

( , )

/

: 1.1 ( xylene )

: 6.6 ( xylene )

(Pa)

1.43

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,<br>mg/kg | LD50,<br>mg/kg | LD50,<br>mg/L/4hr | / LD50,<br>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)                                |                |                |                   |                     |
| carbon black - (1333-86-4)                                 | 8,000.00,      |                |                   |                     |
| 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,      |                   |                     |
| xylene - (1330-20-7)                                       | 4,299.00,      | 1,548.00,      |                   | 20.00,              |

|     |   |  |
|-----|---|--|
|     |   |  |
| ( ) |   |  |
| ( ) |   |  |
| ( ) |   |  |
| /   | 2 |  |
| /   | 2 |  |
|     |   |  |

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|      |  |  |
|      |  |  |
| (1 ) |  |  |
| ( )  |  |  |
|      |  |  |

**12.**

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

|  | 96 hr LC50 ,<br>mg/l       | 49 hr EC50 ,<br>mg/l     | ErC50 ,<br>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)               |                            |                          |  |
| carbon black - (1333-86-4)                                 | 1,000.00, Danio rerio      | 5,600.00, Daphnia magna  | 10,000.00 (72 hr), Scenedesmus subspicatus |
| 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):

carbon black (0001333-86-4)

Cyclohexanone (0000108-94-1)

:

n-Butyl acetate (0000123-86-4)

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

: 12/05/2011

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