

HRXY12 INTERFINE 629 Y12 WATTLE PART A

4

10/27/14

1.

1.1. INTERFINE 629 Y12 WATTLE PART A
HRXY12

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] |
| Titanium dioxide CAS No: 0013463-67-7 | 1-2.5 | | [1][2] |
| 1-methyl-2-pyrrolidone | <1 | 1B;H360D | [1] |

| | | | |
|----------------------|-------|----------------------------------|-----|
| CAS No: 0000872-50-4 | | / 2;H319 -1 ;H335 / 2;H315 | |
| | 20-30 | --- | --- |

- 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/m³

ppm

mg/m³

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) 가

(Cat 3)

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)

1.24

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 | |
| | | |

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| | | |
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| | | |
| | | |
| | | |
| (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 | |
| Titanium dioxide - (13463-67-7) | 1,000.00, Fundulus heteroclitus | 5.50, Daphnia magna | 5.83 (72 hr), Pseudokirchneriella subcapitata |
| 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):

Cyclohexanone (0000108-94-1)
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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Group I:

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Group II:

Barium Sulphate (0007727-43-7)

xylene (0001330-20-7)

:

()

()

:

()

16.

: 10/27/2014

: 4

: 10/31/2013

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