

**SZA056 INTERFINE 878 PART B**

1

08/31/13

**1.****1.1.**

INTERFINE 878 PART B

SZA056

**1.2.****1.3.**

International Paint Singapore Pte Ltd

3 Neythal Road

Jurong Town

Singapore 628570

+65 6261 5033

+65 6264 4612

**1.4.**

+65 6261 5033

**2.****2.1.**

- 4;H302

/

1B;H314

/

1;H318

1;H317

1;H334

2;H341

1;H360

-

1;H400

-

2;H411

**2.2.**

11 , 12



H302  
H314  
H317  
H318  
H334  
H341  
H360  
H400  
H411

[ ]:

P201  
P202  
P260 / /  
P270  
P272  
P273  
P280 / / /  
P285 가

[ ]:

P301+330+331 :  
P302+352 :  
P303+361+353 ( ) :  
/  
P304+312 : /  
P305+351+338 가 : .가

P308+313 : /  
P310 /  
P333 :  
P340 가  
P341 가  
P342+311 : /  
P363  
P391

[ ]:

P405 가

[ ]:

P501 ( )

2.3. PBT ( , ) vPvB ( , )

3.

/	%	GHS	
1-Propanamine, 3-(triethoxysilyl)- CAS No: 0000919-30-2	60-70	- 4;H302 / 1B;H314 1;H317	[1]
Gamma-aminopropyl-trimethoxysilane CAS No: 0013822-56-5	50-60	/ 1;H318 / 2;H315	[1]
Dibutyltin diacetate CAS No: 0001067-33-0	5-10	- 4;H302 - 4;H312 / 2;H315 / 2;H319 - 3;H301 - 3;H373 - 1;H410 1;H360 1;H360 2;H341	[1][2]
Methanol CAS No: 0000067-56-1	<1	2;H225 - 3;H331 - 3;H311 - 3;H301 -1 1;H370	[1][2]

- 1)
- 2) 가
- 3) PBT vPvB  
16 가 , 가  
가 .

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.

.8 .

, , , , .

, , .

가 가 , .

6.2.

가 .

6.3.

.8 .

, , 가 . (13 .)

가 .

가 .

, 가 , 가 . ,

7.

7.1.

가

가 (LEL)

(OEL)

가

7.2. ( )

, 8

가 , 가 , 1 가

7.3. Specific end use(s)

가

, 가 . 3

8.

8.1.

(OEL)

(ACGIH)

(ACGIH)

	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Methanol	250	328	200	262

(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

98

( = 1)

( , )

/

:

:

(Pa)

0.98

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
1-Propanamine, 3-(triethoxysilyl)- - (919-30-2)	1,490.00,	4,076.00,		
Dibutyltin diacetate - (1067-33-0)	32.00,			
Gamma-aminopropyl-trimethoxysilane - (13822-56-5)	2,001.00,	2,001.00,		
Methanol - (67-56-1)	5,628.00,	15,800.00,	85.00,	

( )	4	
( )		
( )		
/	1B	
/	1	

	1	
	1	
	2	
	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
1-Propanamine, 3-(triethoxysilyl)- - (919-30-2)	934.00, Danio rerio	331.00, Daphnia magna	603.00 (72 hr),
Gamma-aminopropyl-trimethoxysilane - (13822-56-5)			
Dibutyltin diacetate - (1067-33-0)	3.73, Oryzias latipes	0.17, Daphnia magna	0.035 (72 hr), Skeletonema costatum
Methanol - (67-56-1)	100.00, Pimephales promelas	10,000.00, Daphnia magna	16.912 (96 hr), Ulva pertusa

**12.2.**

가

**12.3.**

**12.4.**

**12.5.** , , 가

PBT ( , ) vPvB ( , )

**12.6.**

**13.**

**13.1.**

가



**14.**

14.1. 3066  
14.2. UN3066, Paint, 8, II  
14.3. UN3066,paint,II,HACCHEM 2X

**IMDG**            **Class/Div. 8**  
  
                     **EmS**                    F-A,S-B

**ICAO/IATA**        8

14.4. II

14.5. :

**IMDG**                                    : ( Dibutyltin diacetate )

14.6. 가 가

14.7. **MARPOL73/78 Annex II IBC Code .**

**15.**

None noted.

**16.**

SDS

Section 3            Phrases

- H301
- H302
- H312
- H314

H315

H317

H318

H319

H341

H360

H373

H410

**SDS**



Akzo Nobel

가