

H319

[]:

P210 / / /

P261 / /가 / / /

P264

P272

P273

P280 / / /

[]:

P302+352 :

P303+361+353 () :

/

P305+351+338 가 : .가

P321 ().

P333+313 /

P337 :

P362

P363

P370 :

P378 , , ,

[]:

P403+233 가

[]:

P501 ()

2.3.

PBT (,) vPvB (,)

3.

/	%	GHS	
Fatty Acids, C18-unsaturated, Polymers with Bisphenol A and epichlorohydrin CAS No: 0067989-52-0	10-20	/ 2;H319 -1 ;H335 1;H317 - 2;H411	[1]
xylene CAS No: 0001330-20-7	5-10	3; H226 - 4;H312 - 4;H332 / 2;H315 / 2;H319 -1 ;H336 - 1;H372	[1][2]
Phenol, methylstyrenated CAS No: 0068512-30-1	5-10		[1]
Titanium dioxide CAS No: 0013463-67-7	2.5-5		[1][2]
polyamide dispersion CAS No: 0055349-01-4	<1	1;H317 - 4;H413	[1]
	50-60	---	---

1)
2) 가
3) PBT vPvB

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 , 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

Talc

2

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)

65

34

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

1.65

n-

/

(Log Kow)

9.2.

10.

10.1.

10.2.

.(Section 7)

가

10.3.

가

10.4.

10.5.

.(7 .)

10.6.

가

11.

(OEL)

가

가

가

2

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Fatty Acids, C18-unsaturated, Polymers with Bisphenol A and epichlorohydrin - (67989-52-0)				
Phenol, methylstyrenated - (68512-30-1)				
polyamide dispersion - (55349-01-4)				
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	
(1)		
()		

12.

12.1.

가

	96 hr LC50 mg/l	49 hr EC50 mg/l	ErC50 mg/l
Fatty Acids, C18-unsaturated, Polymers with Bisphenol A and epichlorohydrin - (67989-52-0)			
xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Phenol, methylstyrenated - (68512-30-1)			
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
polyamide dispersion - (55349-01-4)			

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 .

1202831 (Unknown)

Talc (0014807-96-6)

Titanium dioxide (0013463-67-7)

1202831 (Unknown)

Silica(quartz) (0014808-60-7)

ethanol (0000064-17-5)

Ethylbenzene (0000100-41-4)

Titanium dioxide (0013463-67-7)

1202831 (Unknown)

Titanium dioxide (0013463-67-7)

xylene (0001330-20-7)

1202831 (Unknown)

xylene (0001330-20-7)

1202831 (Unknown)

1202831 (Unknown)

1202831 (Unknown)

1202831 (Unknown)

1202831 (Unknown)

1202831 (Unknown)

Ethylbenzene (0000100-41-4)

xylene (0001330-20-7)

1202831 (Unknown)

1202831 (Unknown)

16.

: 10/27/2014

: 3

: 01/12/2006

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

SDS

Section 3 Phrases

H226

H312

H315

H317

H319

H332

H335

H336

H372

H411

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



Akzo Nobel

가