

H317
H318
H335
H412

[]:

P210 / / /
P260 / /
P261 / /가 / / /
P262 , ,
P264
P271 가
P272
P273
P280 / / /

[]:

P301+310 : /
P302+352 :
P303+361+353 () :
/ /
P304+312 : /
P305+351+338 가 : .가

P310 /
P312 /
P321 ().
P331
P333+313 /
P340 가
P362
P363
P370 :
P378 , , ,

[]:

P403+233 가
P405 가

[]:

P501 ()

2.3. PBT (,) vPvB (,)

3.

/	%	GHS	
Methyl isobutyl ketone CAS No: 0000108-10-1	30-40	2;H225 - 4;H332 / 2;H319 -1 ;H335	[1][2]
Polyaminoamide CAS No:	20-30		[1]

Benzy alcohol CAS No: 0000100-51-6	10-20	- 4;H332 - 4;H302	[1]
Alkyl(C12-C14)glycidyl ether CAS No: 0068609-97-2	10-20	/ 2;H315 1;H317	[1]
Triethylenetetramine CAS No: 0000112-24-3	2.5-5	- 4;H312 / 1B;H314 1;H317 - 3;H412	[1]
xylene CAS No: 0001330-20-7	1-2.5	3; H226 - 4;H332 - 4;H312 / 2;H315	[1][2]
Solvent naphtha (petroleum), light aromatic CAS No: 0064742-95-6	1-2.5	1;H304	[1]

- 1)
- 2) 가
- 3) PBT vPvB 16 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. [Empty box]

6.1. 가 가 가 , 가
가 가

6.2. 가
6.3. .8
, , 가
(13 .)

가
가
, 가 , 가
가

7. [Empty box]

7.1. 가
, 가 (LEL) (OEL)

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 ³	ppm	mg/m ³
Methyl isobutyl ketone	75	307	50	205
xylene	150	651	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)

114

21

(= 1)

(,)

/

: 1.1 (xylene)

: 6.6 (xylene)

(Pa)

0.91

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
2 가

	LD50, mg/kg	LD50, mg/kg	LD50, mg/L/4hr	/ LD50, mg/L/4hr
Alkyl(C12-C14)glycidyl ether - (68609-97-2)				
Benzyl alcohol - (100-51-6)	1,230.00,	2,000.00,		4.178,
Methyl isobutyl ketone - (108-10-1)	2,080.00,	16,000.00,		
Polyaminoamide - ()				
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00,	3,400.00,		
Triethylenetetramine - (112-24-3)	2,780.00,	550.00,		
xylene - (1330-20-7)	4,299.00,	1,548.00,		20.00,

()		
()		

()		
/	2	
/	1	
	1	
(1)	3	
()		

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
Methyl isobutyl ketone - (108-10-1)	505.00, Pimephales promelas	1,550.00, Daphnia magna	980.00 (48 hr), Scenedesmus subspicatus
Polyaminoamide - ()			
Benzyl alcohol - (100-51-6)	10.00, Lepomis macrochirus	55.00, Daphnia magna	700.00 (72 hr),
Alkyl(C12-C14)glycidyl ether - (68609-97-2)			
Triethylenetetramine - (112-24-3)	495.00, Pimephales promelas	33.90, Daphnia magna	20.00 (72 hr), Selenastrum capricornutum
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

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.

UN1263, Paint, CLASS 3, PG II, HAZCHEM *3YE

IMDG

Class/Div. 3

EmS

F-E,S-E

ICAO/IATA

3

14.4.

II

14.5.

:

IMDG

:

14.6.

가

가

14.7.

MARPOL73/78 Annex II IBC Code .

15.

None noted.

16.

SDS

Section 3

Phrases

H225

H226

H302

H304

H312

H314

H315

H317

H319

H332

H335

H336

H372

H412

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



Akzo Nobel

가