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1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : NexPost

Product code : D1NPD00, D1NPD05, D1NPD10, D1NPD20, D1NPD30, D1NPR05, D1NPR10, D1NPR20, D1NPR30, D1NPK00

1.2. Relevant identified uses of the substance or mixture and uses advised against

Resin filling composite

1.3. Details of the supplier of the safety data sheet

Registered company name : METABIOMED CO., LTD.

Address : Head Office & Osong Factory) 270, Osongsaengmyeong1-ro, Osong-eup, Heungdeok-gu,

Cheongju-si, Chungcheongbuk-do, Korea

Cheongju Factory) 136, Mochung-ro, Seowon-gu, Cheongju-si, Chungcheongbuk-do, Korea

Fax : (82-43) 216-0438

Telephone : (82-43) 216-0433, 0434

e-mail : info@meta-biomed.com

Manufacturer : METABIOMED CO., LTD.

1.4. Emergency telephone number

(82-43) 216-0433, 0434

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Serious Eye Damage/Irritation: Category 2A.

Respiratory Sensitizer: Category 1.

Skin Sensitizer: Category 1.

Carcinogenicity: Category 2.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

- * GHS label elements including precautionary statements
- Hazard Pictograms





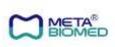
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- Signal word:	Warning			
- Hazard statement(s):	Causes serious eye irritation.			
	May cause allergy or asthma symptoms or breathing difficulties if inhaled.			
	May cause an allergic skin reaction.			
	Suspected of causing cancer.:			
- Precautionary Statement(s)				
Prevention :	Obtain special instructions before use.			
	Do not handle until all safety precautions have been read and understood.			
	Avoid breathing dust/fume/gas/mist/vapors/spray.			
	In case of inadequate ventilation wear respiratory protection.			
	Wash thoroughly after handling.			
	Contaminated work clothing must not be allowed out of the workplace.			
- Response :	IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.			
	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.			
	IF IN EYES: Rinse cautiously with water for several minutes. Remove			
	contact lenses, if present and easy to do.			
	Continue rinsing.			
	If eye irritation persists: Get medical advice/attention.			
	IF ON SKIN: Wash with plenty of soap and water.			
	If skin irritation or rash occurs: Get medical advice/attention.			
	Wash contaminated clothing before reuse.			
	IF exposed or concerned: Get medical advice/attention.			
- Disposal :	Dispose of contents/container in accordance with applicable			
	local/regional/national/international regulations.			

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.



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3. Composition/information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

3.2. Mixtures					
				Classification	Classification
Chemical Name	CAS	EC	Wt.%	according to	according to
Chemical Name	No. No.		VVI.70	Directive	Regulation(EC) No
				67/548/EEC	1272/2008[CLP]
	65997-		80-		
OXIDE GLASS CHEMICALS (non-fibrous)	17-3	- 95		-	-
Bisphenol A ethoxylate	41637-		E 4 E		
dimethacrylate]	38-1		5-15	-	-
					Serious eye
	4505			Vi Irritant D42	damage
Bisphenol A Glycerolate dimethacrylate	1565-	-	1-5	Xi Irritant R43 Xi Irritant R41	(Category 1),H318
	94-2			AI Imtant R41	Skin sensitization
					(Category 1),H317
Urethane Dimethacrylate	72869-	276-	1-5		Skin sensitization
	86-4	957-5		-	(Category 1),H317
					Skin irritation
					(Category 2), H315
					Eye irritation
Triathylanaglygal dimathaandata	109-16- 0	203- 652-6	1-5	Xi Irritant	(Category 2), H319
Triethyleneglycol dimethacrylate				R36/37/38, R43	Specific target
					organ toxicity -
					single exposure
					(Category 3), H335
	3290-	221-			Chronic aquatic
Trimetholtrimethacrylate	92-4	950-4	<1	-	toxicity
	92-4				(Category 2), H411
					Skin irritation
	1830-	217		Irritating to eyes,	(Category 2), H315
Glycerol diemthacrylate		217- 388-4	<1	respiratory	Eye irritation
	78-0			system and skin.	(Category 2), H319
					Specific target



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						organ toxicity -
						single exposure
						(Category 3), H335
. First aids me	asures					
4.1. Description of	of first aid measures					
- Inhalation:	Remove person t	o fresh air.	lf you fe	el unwe	ll, get medical	attention
- Skin Contact:	Immediately was	h with soa	ap and v	vater. R	emove contam	inated clothing and wash
	before reuse. If s	igns/sympt	oms dev	elop, ge	et medical atten	tion.
- Eye Contact:	Immediately flush	n with large	amoun	ts of wa	ter. Remove co	ontact lenses if easy to do
	Continue rinsing.	Get medic	al attent	ion.		
- If Swallowed:	Rinse mouth. If ye	ou feel unv	vell, get	medical	attention.	
4.2. Most importa	nt symptoms and ef	fects, bot	h acute	and del	ayed	
- Inhalation: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal						
	discharge, heada	ache, hoars	seness, a	and nos	e and throat pa	in.
- Skin Contact:	Mild Skin Irritatio	n: Signs/sy	/mptoms	may in	clude localized	redness, swelling, itching
	and dryness. Allergic Skin Reaction (non-photo induced): Signs/symptoms may					
	include redness,	swelling, b	listering	, and itc	hing.	
- Eye Contact:	Severe Eye Irrit	ation: Sigr	ns/sympt	oms ma	ay include sigr	nificant redness, swelling,
	pain, tearing, cloudy appearance of the cornea, and impaired vision.					
- Ingestion:	May be harmful if swallowed.					
	Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach					
	upset, nausea, v	omiting and	d diarrhe	a.		
4.3. Indication of any immediate medical attention and special treatment needed						
No further relevant information available						

5. Fire fighting measures

5.1. Extinguishing media	
- Extinguishing media	: Water, Foam, Carbon Dioxide, Dry Chemical
5.2. Special hazards arising from	the substance or mixture
- Hazardous combustion products	: Burning may produce :Carbon Monoxide, Carbon Dioxide
- Explosion hazards	: Not Determined
- Fire explosion	: Not Determined
- Sensitive to static discharge	: Not Determined
- Sensitivity to impact	: Not Determined



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5.3. Advice for firefighters

- Firefighting procedures	: General: Evacuate all personnel; use protective equipment for fire-			
	fighting. Use self-contained breathing apparatus when product is			
	involved in fire.			

- Firefighting equipment : Non-combustible

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Prevent the inflow of this product to waterways, drains, basements, and confined spaces.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Not Applicable

7. Handling and storage

7.1. Precautions for safe handling

Always wear gloves and eye protection. Product is intended for dental use only.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Protect from exposure to direct sun light. Keep container closed. Store in cool place.

7.3. Specific end use(s)

Use only professional dentist

8. Exposure controls and personal protection

8.1. Control parameters	•
Not determined	
8.2. Exposure controls	
- Eye protection	: Wear safety glasses.
- Skin protection	: Wear suitable protective clothing and gloves.



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- Respiratory protection : None required

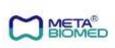
9. Physical and chemical properties

9.1. Information on basic physical and chemical properties				
- Appearance	: Solid	- Vapor pressure	: N/A	
- Odor	: Odorless	- Vapor density	: N/A	
	powders	- Density	: >1.0 g/cm³	
- Color	: Tooth color	 Specific gravity(H₂O=1) 	: >1.0	
- pH	: N/A	- Solubility(ies)	: Negligible	
- Melting/freezing point	: N/A	- Partition coefficient :	: N/A	
- Initial boiling point and	: N/A	n-octaol/water		
boiling range		- Auto-ignition temperature	: N/A	
- Flash point	: N/A	- Decomposition temperature		
- Evaporation rate	: N/A	- Viscosity	: N/A	
- Flammability(solid, gas)	: Not Classified	- Explosive properties	: N/A	
- Upper/lower flammability or	: N/A	- Oxidising properties	: N/A	
explosive limits				
9.2. Other information				

None

10. Stability and reactivity

10.1. Reactivity
Stable
10.2. Chemical stability
Stable when stored and handled under recommended conditions.
10.3. Possibility of hazardous reactions
None
10.4. Conditions to avoid
None known.
10.5 Incompatible materials
None known.
10.6. Hazardous decomposition products
со



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11. Toxicological information

11.1. Information on toxicological effects				
- Acute toxicity	: N/A			
- Primary effects to skin	: May mildly irritate skin			
- Primary effects to eyes	: May mildly irritate the eye			
- Primary effects to	: Not an acute inhalation hazard			
respiratory system				
- Sensitization	: Repeated or prolonged contact with the not polymerized may cause			
	sensitization for methacrylates.			
- Additional toxicological info	: N/A			

12. Ecological information

12.1. Toxicity
- Toxicity : Not determined
- Aquatic toxicity(acute) : Not determined
12.2. Persistence and degradability
Not determined
12.3. Bioaccumulative potential
Not determined
12.4. Mobility in soil
Not determined
12.5. Results of PBT and vPvB assessment
Not determined
12.6. Other adverse effects
None known

13. Disposal considerations

13.1. Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste.



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14. Transport information

14.1. UN Number
N/A
14.2. UN proper shipping name
N/A
14.3. Transport hazard class(es)
N/A
14.4. Packing Group
N/A
14.5. Environmental hazards
N/A
14.6. Special precautions for user
- ADR - road : N/A
- RID - rail : N/A
- IMDG - sea : N/A
- IATA - air : N/A
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Transport in bulk : N/A

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture RoHS : Please refer to Medical Devices Directive 93/42/EEC

15.2. Chemical safety assessment

Chemical safety assessment : See Section 11

16. Other information

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

	Material Safety Data Sheet	
	- NexPost -	METABIOMED CO., LTD.
HISTORY		
- Date of creation	: 6-20-2017	
- Revision number and	Revision date	
* Revision number	: 0	
* Date of last revision	: 6-20-2017	
- Prepared by	: METABIOMED CO., LTD.	