accor	terial Safety ding Directive 91/155 E	
Impoi		MSDS before handling and disposing of this product and pass this n on to employees, customers and users of this product.
1.		the substance/preparation and company
1.1.	Product Name:	Cera Resin Bond I
1.2.	Company:	
	Shofu Dental GmbH Am Brüll 17 40878 Ratingen Phone No. 02102/86	664-0 Fax-No. 02102/8664-64
1.3.	Emergency Phone N	lo.
	02102/8664-0	
2.		ormation on ingredients
2.1.	Compositions given a Ingredients Ethanol Maleic Anhydride	re typical values, not specifications. Einecs no. % weight Symbol risk-phrase CAS-No. 95% F R11 200-578- 108-31-6
3.	Hazard identifica	tion
3.1.	For the user:	Liquid and vapor contact may cause irritation to eyes, respiratory system and skin.
3.2.	Environmental haza	rd:
4.	First aid measure	98
4.1.	Inhalation	Move to the open air.
	Skin contact:	Wash area with mild soap and water. Seek medical advice if necessary.
4.2.	Skin contact: Eye contact:	
4.2. 4.3.		Seek medical advice if necessary. Flash with flowing water and consult
4.2. 4.3. 4.4.	Eye contact:	Seek medical advice if necessary. Flash with flowing water and consult Physician if necessary.

5.	Fire-fighting measures				
5.1.	Extinguisher method: Foam, CO2, Dry chemical				
5.2.	Not useful method:				
5.3.	Special equipment for fire-fighting	Wear fire protection cloth and self contained breathing apparatus, if necessary.			
6.	Accidental release measures				
6.1.	Personal precautions:	Avoid eye and skin contact			
6.2.	Environmental precautions				
6.3.	Methods for cleaning up	Wipe up with wet towel.			
7.	Handling and storage				
7.1.	Handling:	Handle in a well ventilated place, keep away from naked flames, sparks and sources of heat, do not smoke			
7.1.1.	Precautions for safe handling				
7.2.	Storage:	Keep container tightly closed. Store in a cool and dark area.			
7.2.1.	Precautions for storage rooms:				
7.2.2.	Storage of incompatible materials:				
7.2.3.	Special storage conditions:				

8.	Exposure controls/	personal	protection		
8.1.	Exposure controls:				
8.1.1.	ACGIH TLV		1900 mg/n	n3	
8.2.	Respiratory protection	:	•	y protection	(mask) for organic
8.3.	Hand protection:		gases. Protective	gloves (Lat	ex and rubber)
8.4.	Eye protection:		Safety gog	gles	
8.5.	Skin protection:				
9.	Physical and chem	ical prop	erties:		
9.1.	Appearance Liquid	Colour	colorless	Odour:	alcohol
9.2.	PH:				
9.3.	Boiling point:	80 °			
9.4.	Melting point				
9.5.	Flash point				
9.6.	Explosion limits:	Lower:		Upper:	
9.7.	Relative density:		0,8		
9.8.	Vapour density:				
9.9.	Solubility:	soluble			
9.10.	Viscosity:				
9.11.	Others:				
10.	Stability and reacti	vity:			
10.1.	Conditions to avoid:	Keep aw No smok	ay from sources	of ignition.	
10.2.	Materials to avoid:		xidizing material	S.	
10.3.	Hazardous decomposi	tion produc	cts		
10.4	Others:				

11.	Toxicological inform	nation:				
• • •	I UNICUIUYICAI IIIIOIII					
11.1.	Acute Toxicity:					
11.1.1.	Ingestion:					
11.1.2.						
11.1.3.	Skin contact:					
	Eye contact:					
	•					
11.2.	Chronic effects:					
11.2.1.						
11.2.2.						
11.2.3.						
11.2.4.						
11.2.5.						
12.	Ecological informati	ion:				
13.	Disposal considerat	ions:				
13.1.	Material:	Dispose in accordance with local, state and federal regulations.				
13.2.	Packaging:					
14.	Transport information	on:				
		N/A				
15.	Regulatory information:					
		Marking for dangerous preparations:				
		F: Highly flammable				
		R11, S7, S9, S16, S23, S33				
16.	Other information:					
		Handling of product exclusively by dental specialists according to instructions for use.				
		N/A: Not applicable				

Material Safety Data Sheet

according Directive 91/155 EEC

Some of the information presented and conclusions drawn herein are from sources other than direct test-data on the product itself.

The contents and format of this MSDS are in accordance with EEC Commission Directive 91/155 /EEC.

Disclaimer of Liability

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Impor	ding Directive 91/155 EE tant: Read this	SDS before handlin	g and disposing	g of this product	and pass this	
-		on on to employees, c				
1.	Identification of the	ne substance/p	preparation	n and comp	any	
1.1.	Product Name:	Cera Resin I	Bond II			
1.2.	Company:					
	Shofu Dental GmbH Am Brüll 17 40878 Ratingen Phone No. 02102/86	664-0 Fax-No.	02102/8664	I-64		
1.3.	Emergency Phone No	D.				
	02102/8664-0					
2.	Composition/info	rmation on ing	redients			
	Compositions given are	••	•			
2.1.	Ingredients Acetone	Einecs no.	% weight 60%	Symbol F	risk-phra R11	ses CAS-No. 67-641
	Hazard identificat		apor contact r	may cause irrit	tation to eyes	3,
		Liquid and v	apor contact r ystem and sk	may cause irrit	tation to eyes	5,
3.1.		Liquid and va respiratory s	•	•	tation to eyes	,
3.1. 3.2.	For the user:	Liquid and va respiratory s d:	•	•	tation to eyes	5,
3.1. 3.2. 4.	For the user: Environmental hazard	Liquid and va respiratory s d:	ystem and sk	•	tation to eyes	
3.1. 3.2. <u>4.</u> 4.1.	For the user: Environmental hazard	Liquid and varespiratory s d: S Move to the Wash area v	ystem and sk	and water.	tation to eyes	
3.1. 3.2. 4. 4.1. 4.2.	For the user: Environmental hazard First aid measures	Liquid and varespiratory s d: S Move to the Wash area v Seek medica	open air. vith mild soap al advice if ne owing water a	and water. cessary.	tation to eyes	5,
3.1. 3.2. 4. 4.1. 4.2. 4.3.	For the user: Environmental hazard First aid measures Inhalation: Skin contact:	Liquid and varespiratory s d: S Move to the Wash area v Seek medica Flash with flo	open air. vith mild soap al advice if ne owing water a necessary.	and water. cessary.	tation to eyes	
3. 3.1. 3.2. 4. 4.1. 4.2. 4.3. 4.4.	For the user: Environmental hazard First aid measures Inhalation: Skin contact: Eye contact:	Liquid and varespiratory s d: S Move to the Wash area v Seek medica Flash with flo Physician if t	open air. vith mild soap al advice if ne owing water a necessary.	and water. cessary.	tation to eyes	

5.	Fire-fighting measures				
5.1.	Extinguisher method: Foam, CO2, Dry chemical				
5.2.	Not useful method:				
5.3.	Special equipment for fire-fighting	Wear fire protection cloth and self contained breathing apparatus, if necessary.			
6.	Accidental release measures				
6.1.	Personal precautions:	Avoid eye and skin contact			
6.2.	Environmental precautions				
6.3.	Methods for cleaning ur	Wipe up with wet towel.			
7.	Handling and storage				
7.1.	Handling:	Handle in a well ventilated place, keep away from naked flames, sparks and sources of heat, do not smoke			
7.1.1.	Precautions for safe handling				
7.2.	Storage:	Keep container tightly closed. Store in a cool and dark area.			
7.2.1.	Precautions for storage rooms:				
7.2.2.	Storage of incompatible materials:				
7.2.3.	Special storage conditions:				

8.	Exposure controls/p	ersonal	prot	ection			
8.1.	Exposure controls:						
8.1.1.	ACGIH TLV			1780 mg/m	3		
8.2.	Respiratory protection:				protection (r	nask) for organic	
8.3.	Hand protection:			gases. Protective g	loves (Latex	and rubber)	
8.4.	Eye protection:			Safety gogg	gles		
8.5.	Skin protection:						
9.	Physical and chemic	al prop	ertie	s:			
9.1.	Appearance Liquid	Colour		colorless	Odour:	alcohol	
9.2.	PH:						
9.3.	Boiling point:	80 °					
9.4.	Melting point						
9.5.	Flash point						
9.6.	Explosion limits:	Lower:			Upper:		
9.7.	Relative density:		0,93				
9.8.	Vapour density:						
9.9.	Solubility:	soluble					
9.10.	Viscosity:						
9.11.	Others:						
10.	Stability and reactivi	ty:					
10.1.	Conditions to avoid:	Keep av No smo		om sources	of ignition.		
10.2.	Materials to avoid:			ing materials	i.		
10.3.	Hazardous decompositio	on produc	cts				
10.4.	Others:						

11.	Toxicological inform	ation:
11.1.	Acute Toxicity:	
11.1.1.	Ingestion:	
	Inhalation	
	Skin contact:	
11.1.4.	Eye contact:	
11.2.	Chronic effects:	
11.2.1.		
11.2.2.		
11.2.3.		
11.2.4.		
11.2.5.		
12.	Ecological information	on:
13.	Disposal consideration	ons:
13.1.	Material:	Dispose in accordance with local, state
		and federal regulations.
13.2.	Packaging:	
14.	Transport informatio	n:
		N/A
15.	Regulatory information	on:
		Marking for dangerous preparations:
		F: Highly flammable
		R11, S7, S9, S16, S23, S33
16.	Other information:	, _ , , z, = - , = - , = ,
		Handling of product exclusively by dental specialists
		according to instructions for use.
		N/A: Not applicable
L		WA. NOT applicable

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