

Revision Date: 15 December - 2015

1. PRODUCT AND COMPANY IDENTIFICATION

Commercial Name: VIVA FLEX PARTIALS L.F.

Manufacturer, Importer, Supplier:

Dental Flex Italia snc

Indirizzo: Via Montevergine, 62

Ospedaletto d'Alpinolo (AV) - 83014 - Italia

Tel. +39 0825 691237; Fax: +39 0825 691237

Working Days: 9:00 - 17:00 (Monday to Friday)

Product Type: Semifinished product

2. Composition/Information on Ingredient

Chemical composition	Polyamide P12
Technical information: The material is in granular form, suitable for partial and complete dentures, bite plates and mouth guard and more.	

3. Hazards identification

Contraindications	No Applicabile
Important Recommendations	
<ol style="list-style-type: none"> 1. Use eye protection and heat resistant gloves when injecting 2. Use proper ventilation, vacuum system and masks during processing 	

4. First aid measures (what to do)

Inhalation	Protective mask and suitable extraction system, depending on the type of material to be processed
Skin Contact	Heat resistant gloves
Eyes Contact	Protective glasses
Additional information	The cartridge must be injected within 1 hour of opening the package

Material Safety Data Sheet

5. Fire-fighting measures (what to do)

Suitable Extinguishing Media	Water spray mist or foam
Extinguishing Media not to be used for Safety reasons	Carbon Dioxide (CO ₂), dry chemical
Special Protective Equipment for Firefighters	In the event of fire, wear self-contained breathing apparatus
Specific Hazards	Take precautionary measures against static discharges. Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen and traces of hydrogen cyanide. In the event of fire and / or explosion do not breathe fumes.

6. Misure di Rilascio Accidentale

Clean Up	Use mechanical handling equipment. Avoid dust formation
Personal Precautions	Skip hazards!
Environmental Precautions	Do not flush into surface water or sanitary sewer. Should not be released into the environment

7. Handling & Storage

Under recommended processing conditions small Amounts of residues of monomers and residual solvent may be emitted. Provide good ventilation and / or local exhaust systems are used, the Workplace Exposure Limit (s) Stated in Chapter 8 Should not be exceeded. Dust must be removed by effective exhaust ventilation	
Storage:	No special storage conditions required. VCI storage class (VCI = German Association of the Chemical Industry): 11

8. Exposure Control / Personal Protection

Inhalation	Protective mask and suitable extraction system, depending on the type of material to be processed
Contact with the skin	No Applicable
Contact with the eyes	Rinse eyes with fresh water
Ingestione	Consult a medic
Other information	A continuous supply of fresh air to the workplace together with removal of processing fumes through exhaust systems is recommended.

9. Physical and chemical properties

Smell	Odorless		
Color	Different according to coloration	Flash point	No Applicable
Appearance	Granular (pellet)		
pH	Density (g/cm ³)	1.10	
Melting interval	240 - 300° C		
Melting	290° C		
Elongation %	>50%		
Flexural strength (ASTM D790 and ISO 178)	MPa 60		
Electrical conductivity (m / mm ²)	1.00E+11 (Ω ·m)		
Absorption	3%		
Shore hardness	85D		
Water solubility	No Applicable	Viscosity	No Applicable
Self-ignition	Not explosive		

10. Stability and reactivity

No hazardous reactions Observed. Toxic fumes Mainly Consisting of CO and CO2 may be developed hazard

11. Toxicological information

Hazardous decomposition products	The product does not decompose if used according to specifications
Stability	Fumes evolved by overheating During improperly processing or by burning may be injurious to health.
Incompatibilità (materiali da evitare)	No dangerous reactions known
Reazioni pericolose	No Applicabile
Altre informazioni	

12. Ecological information

When used and handled according to specifications, the product does not
It presents harmful effects according to our experience and the information provided to us.

13. Disposal considerations

On the basis of the necessary technical regulations and after consultation with
the disposal agent and the relevant authorities, can be deposited at waste
Landfill or incinerated.

European waste catalog **07 02 13 waste plastics**

14. Transport Information

Land transport / rail	ADR/RID e GGVS/GGVE
Maritime transport	IMDG
Airplane transport	IATA-DGR

15. Regulatory Information

In accordance with local and national regulations: International Inventories:	
TSCA (USA)	Listed
DSL/NDL (CANADA)	Listed
EINECS/ELINCS (EUROPE)	Listed
ENCS (JAPAN)	Listed
IECSC (CHINA)	Listed
KECL (KOREA)	Listed
PICCS (PHILIPPINES)	Listed
AICS (AUSTRALIA)	Listed

16. Additional Info

The information contained herein is based on our current and most accurate knowledge. However, since the circumstances and conditions under which the product may be used are beyond our control, we assume no liability for any loss or damage arising directly or indirectly from use of this information.

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Contact: Gianfranco Guerra
Tel: +39 0825 691237
info@dentalflexitalia.eu