

Date of print 02/03/95

<p>1 Identification data of the substance or compound and the manufacturing company</p> <p>- Identification of the compound product code :</p> <p>Supplier :</p> <p>- Emergency telephone number:</p>	<p>CORFLEX ORTHODONTIC</p> <p>PRESSING DENTAL SRL Via Edoardo Collamarini 5/d 47041 Dogana Repubblica di San Marino</p> <p>Tel **378-909948 Fax. **378-909958</p>
<p>2 Composition / Information on the ingredients</p> <p>- Chemical nature of the compound</p>	<p>copolymer olefines/ester</p>
<p>3 Possible dangers</p> <p>- Chemical and physical dangers</p> <p>- Danger of fire and explosion</p>	<p>- Low level of risk. The product can generate inflammable mixtures or burn only if heated at a temperature equal or higher than the flash point.</p> <p>- It decomposes, thus producing inflammable toxic gases (see section 10: Stability and Reactivity).</p> <p>- Toxic gases are products of combustion (see section 10)</p> <p>- In powder form the product can explode.</p> <p>- Electrostatic discharge: the product can accumulate electrostatic discharges which, if released, create risks of fire.</p>
<p>4 First Aid</p> <p>- Inhalation</p> <p>- Contact with the skin</p> <p>- Contact with the eyes</p> <p>- Swallowing</p>	<p>- If exposed to vapours and aerosol generated by high temperatures, remove the affected person away from the exposure immediately. Perform artificial respiration if the breathing is interrupted. Keep the person in relaxed position. Call for a doctor immediately.</p> <p>- Normally no first aid is needed. If the contact is frequent and extended, wash carefully with water; use soap, if available.</p> <p>- Hot products: put the affected area into cold water or rinse it with cold water to remove the heat, cover with clean cotton cloth or gauze and call for a doctor.</p> <p>- Neither remove the material from the skin nor take off the contaminated clothes in order to avoid to tear the affected skin.</p> <p>- This product is an inert solid. If it goes into the eyes, remove it like any other extraneous object.</p> <p>- Normally no first aid is needed.</p>

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<p>5 Fire-fighting measures</p> <ul style="list-style-type: none"> - Fire-fighting procedures: - Special protective equipment for the Fire Brigade: - Special precautions: - Dangerous products of combustion : 	<p>Use atomized water to cool down the exposed areas and protect the personnel. Block the fire source and extinguish the fire with atomized water.</p> <ul style="list-style-type: none"> - The firemen must wear equipment to protect eyes and the breathing apparatus. See section 4 "First Aid" and 10 "Stability and Reactivity". - Acetic acid (irritant), carbon monoxide and smoke.
<p>6 Measures in case of accidental spills</p> <ul style="list-style-type: none"> - Spills on the ground : - Spills in water: 	<ul style="list-style-type: none"> - Collect the spilt product in a specific container to be recycled or disposed of. - Consult an expert for disposing of the product in compliance with the regulations. - See section 4 "First Aid" and 10 "Stability and Reactivity". - The spillt product makes hard surfaces slippery. - Block the source of the spill carefully. Inform the authorities in case of floating substances and in case it reaches rivers or sewers, limit the spill, if possible. - Remove the spilt product from the surface with mechanical equipment. Consult an expert to dispose of the collected material in line with the rgulations. See section 4 "First Aid" and 10 "Stability and Reactivity".
<p>7. Handling and storing</p> <ul style="list-style-type: none"> - Storing temperature (° C): - Transport temperature (° C) : - Loading/Unloading temperature (° C) : - Viscosity (cSt) : - Transport/storing temperature (Kpa) : - Risk of electrostatic accumulation? - Usual transport containers : - Packing materials not suitable : - Storing/Handling , generals: 	<ul style="list-style-type: none"> - Ambient temp. - Ambient temp. - Ambient temp. - Solid - Atmospheric pressure - Yes, use adequate earthing. - Rectangular containers - Not applicable - Do not pile up the pallets; these polymers are soft and change dimensions easily; it is extremely dangerous to pile up two or more pallets, as the pile could collapse.

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<p>8 Exposure control / Personal protective equipment</p> <ul style="list-style-type: none"> -Personal protection, threshold value - TLV - Personal protective equipment 	<ul style="list-style-type: none"> - A 10mg/m3 TWA for inhalable dust (total dust) and a 3 mg TWA for respirable particles (total dust) for annoying dust are recommended. - ACGIH recommends a TLV-TWA of 10 ppm (35 mg/m3) and a TLV-STEL of 15 ppm (53 mg/m3) for vinyl acetate. ACGIH recommends a TLV-TWA of 10 ppm (25 mg/m3) and a TLV-STEL of 15 ppm (37 mg/m3) for acetic acid. - If contact with the product is possible, wear safety glasses. If contact with hot product is possible wear heat-resistant gloves, arm protections and a face shield. Good ventilation of the premises is needed when this product is handled. The most suitable ventilation system is the vapour removing system. In case of dangerous level of exposure to inhalation, and if the protective equipment or the procedures to limit exposure are not sufficient, protective equipment for the breathing apparatus is necessary.
<p>9. Chemical and physical properties</p> <ul style="list-style-type: none"> - These values are for reference only; please, refer to the product specifications, too. - Physical state : - Shape/Colour: - Odour : - Ph (° C) - Freezing/softening point: - Boilin point/interval : - Flash point (PMCC) : - Self-combustion temperature: - Explosion limits (in air): - Steam temperature (° C): - Density : - Specific weight: - Steam density: - Soluble in water (° C): - Is it a hygroscopic material? - Viscosity : - Vaporization speed: - Vaporization heat : - Thermal expansion coefficient (Liq.): - Volatility percentage : - Molecular weight: 	<ul style="list-style-type: none"> - Solid - Cylinder-shaped discs in different colours 35.00 - 100.00 ° C ° C not applicable 340° C estimate ° C not available Vol % not available Kpa Not applicable g/cm3 g/cm3 0, 91- 0, 97 101,3 Kpa/air=1 % in pe Insoluble No cSt Not applicable n- butyl acetate=1 101,3 Kpa/a Boiling point not applicable KJ/KG ° C Not applicable % 3,000 - 50, 000
<p>10. Stability ad Reactivity</p> <ul style="list-style-type: none"> - Dangerous polymerization ? - Stability : - Conditions to avoid (stability) : - Materials and Conditions to avoid (incompatibility) : - Dangerous products of decomposition : 	<ul style="list-style-type: none"> - No - Stable -Temperatures higher than 200°C can cause - degradation of resin - strong oxidation. - Acetic acid (irritant), flammable hydrocarbons, vinyl acetate, carbon monoxide, vapours.

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<p>14. Information on transport</p> <ul style="list-style-type: none"> - By road/railway like RID/ADR - Class RID/ADR Name: - Risk ID number: - Danger labelling: - Max Kg. not applicable - Transport document: - Transport in territorial waters (like ADN/) - Class ADN/ R: Name - Sea (IMDG) - Number UN: 0000 - Class IMO: Name - EMS number : - Sea pollutant - Risk labelling: - Ship name: - Air (ICAO/IATA) - Class ICAO/IATA: Name - Packing instructions for passenger transport : - Max quantity / packaging for passenger transport: - Packing instructions for goods transport : - Max quantity / packaging for goods transport - TREMACARD (Road) 	<ul style="list-style-type: none"> - Empty containers - ID number fo the substance - Code IMDG - Number MFAG - NO - Packaging group - Secondary risk
<p>15. Information on regulations:</p> <ul style="list-style-type: none"> - Classifications and labelling in line with EC directive - Simbol classification: - Regulation in force: 	<ul style="list-style-type: none"> - Not regulated - In compliance with the EC directive, no classification and labelling necessary for this product.
<p>16. OTHER INFORMATION</p> <p>Note 1 - Always make sure that the workplace is properly ventilated. Forced ventilation may be needed near the production equipment. Avoid to inhale vapours and fumes.</p> <p>Note 2 - If the process equipment is not properly used, the thermal degradation of the polymer may be caused; the material may absorb air or gas, thus creating risks due to the production of high temperatures. The following temperatures are recommended: see technical cards on the single product processing. The degradation speed at a certain temperature increases as the quantity of vinyl acetate increases. The best operating conditions differ on the basis of the types of resins. Specific information on the product is available.</p>	

Note 4 - Avoid combustion sources like heat and flames. Avoid dust accumulation, the dust may explode if lit. Keep the storing operative systems free from leakage. Do not store near strong oxidizers.

Note 5 - The product can contain different quantities of additives, like slipping additives, non-blocking agents, antioxidants, stabilizers.

Note 6 - The spilled material may create danger of slipping on hard surfaces: clean carefully.

Note 7 - The product contains some free residual vinyl acetate, sometimes more than 0.1%. In the productions at high temperature, a product of decomposition could be acetic acid. Lots of vapours/fumes could be generated during hot-working of this product; check for the presence of acetic acid and vinyl acetate which can be generated in the workplace at high temperatures. Always comply with the current ACGIH-TLV for this substance. See the section on TLV and STEL data.

The information provided are valid for this product only and may not be valid if the product is used in combination with others. This is the best available information. However no assurance is given as regards accuracy, reliability or completeness of the information. The user is in charge of checking that the information is accurate and complete, according to the use of the product.

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