

Material Safety Data Sheet

Trade name: **anaxBLEND special masses (paste)**

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Version 1

1 Identification of substance: <ul style="list-style-type: none"> • Product details: • Trade name: <u>anaxblend OD32,OD2, Transpa TI-1 Paste, Transpa HT-53 Paste</u> • Article number: 20...(div.) • Application of the substance / the preparation: light curing dental composite • Manufacturer / Supplier: anax dent GmbH Olgastrasse 120A D-70180 Stuttgart Tel. 0049 711 620092.0 Fax 0049 711 620092.29 email: info@anaxdent.com • Further information obtainable from: Mr. Andreas Kopietz
2 Hazard identification <ul style="list-style-type: none"> • Indications of danger: Irritant. R-phrases: R36/37/38 Irritating to eyes, respiratory system and skin.
3 Composition / Data on components: Chemical characterization of the mixture: <ul style="list-style-type: none"> • Description: Acrylate resin
4 First aid measures <ul style="list-style-type: none"> • After inhalation: Move victim to fresh air. Put victim at rest and keep warm. • After contact with skin: Immediately wash with water and soap. • After contact with eyes: Rinse immediately with plenty of water and seek medical advice. • After swallowing: Immediately get medical attention.
5 Fire fighting measures <ul style="list-style-type: none"> • Suitable extinguishing agents: Water fog, extinguishing powder, sand, foam, carbon dioxide (CO₂). • For safety reasons unsuitable extinguishing agents: High power water jet.
6 Accidental release measures <ul style="list-style-type: none"> • Person-related safety precautions: Wear suitable protective clothing. Provide adequate ventilation. • Measures for environmental protection: Do not empty into drains or the aquatic environment. • Measures for cleaning / collecting: Collect mechanically.
7 Handling and storage Handling <ul style="list-style-type: none"> • Information for safe handling: Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes. Storage <ul style="list-style-type: none"> • Requirements for storage rooms and vessels: Keep container tightly closed in a cool, well-ventilated place. Store only in original container.
8 Exposure controls and personal protection gear <ul style="list-style-type: none"> • Occupational exposure controls: Ensure adequate ventilation of the storage area. Personal protective equipment <ul style="list-style-type: none"> • Protective and hygiene measures: When using do not eat or drink. • Respiratory protection: The following must be prevented: inhalation. • Protection of hands: Tested protective gloves are to be worn. • Material of gloves: NBR (Nitrile rubber). • Eye protection: Tightly sealed safety glasses.
9 Physical and chemical properties: <ul style="list-style-type: none"> • General information Form: pasty Colour: according to product specification

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<p>Odour: ester-like</p> <ul style="list-style-type: none"> • Point of decomposition: ▶200°C • Flash point: ▶150°C • Density: 1,8g/cm³. • Solubility in / Miscibility with water: 1 g/l. • Vapour density: ▶1
<p>10 Stability and reactivity</p> <ul style="list-style-type: none"> • Thermal decomposition / conditions to be avoided: Light, heat. Decomposition takes place from temperatures above 200°C. Decomposition under formation of Acrylate. • Materials to avoid: Keep away from strong acids, leachates, heavy metal salts and reducing materials. • Hazardous decomposition products: Can be released in case of fire: gas / vapours, irritant (Acrylate, pungent). • Additional information: Substances sensitive to light.
<p>11 Toxicological information</p> <ul style="list-style-type: none"> • Acute toxicity: LD50 5000 mg/kg rat • Corrosive and irritant effects: Frequently or prolonged contact with skin may cause dermal irritation. Irritant effect on the eye. • Sensitising effects: May cause sensitisation by skin contact. • Additional information on tests: Contains methacrylic esters. May produce an allergic reaction.
<p>12 Ecological information:</p> <ul style="list-style-type: none"> • Persistence and degradability: Preparation not tested. • Further information: Do not empty into drains or the aquatic environment. Leakage into the environment must be prevented.
<p>13 Disposal considerations</p> <p>Product:</p> <ul style="list-style-type: none"> • Advice on disposal: Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge. Paste: Carry out a burning of hazardous waste according to official regulations. • Waste disposal number of waste from residues/unused products: 18 01 06 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances. Classified as hazardous waste.
<p>14 Transport information</p> <ul style="list-style-type: none"> • Land transport ADR/RID (cross-border) ADR/RID class: - • Maritime transport IMDG: IMDG class: - Marine pollutant: No • Transport / Additional information: Not a hazardous material with respect to these transportation regulations.
<p>15 Regulations</p> <ul style="list-style-type: none"> • Labelling according to EU guidelines: Danger symbols: Xi – Irritant. • Hazardous components which must be listed on the label: Methacrylic esters. • R phrases: 36/37/38 Irritating to the eyes, respiratory system and skin. • S-phrases: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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28 After contact with skin, wash immediately with plenty of water and soap.

- **National regulatory information:** Water contaminating class (D): 2 – water contaminating.

16 Other information:

- **Full text of R phrases referred to under sections 2 and 3:**
36/37/38 Irritating to the eyes, respiratory system and skin.
- **Further information:** This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- **Department issuing MSDS:** anax dent GmbH
- **Contact:** Mr. Andreas Kopietz
- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent