

MATERIAL SAFETY DATA SHEET

According EU-Directive 93/112/EWG

1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Product Name: **TEPEX[®]**
Type: **TEPEX[®] 104**
Company Identification: Bond-Laminates GmbH
Am Patbergschen Dorn 11
D-59929 Brilon

Emergency Telephone Number: +49 (0) 2961/96628-0

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature::
TEPEX[®] 104: Sheets of polypropylene (PP-H) and glass fibre

3. HAZARDS IDENTIFICATION

Specific Hazards: Hazards on cutting edges and skin burns during forming process on equipment and formed parts

4. FIRST AID MEASURES

Inhalation: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Consult a physician after significant exposure
Skin Contact: Cool skin rapidly with cold water after contact with molten polymer. Do not peel polymer from the skin.
Eye Contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water, foam, dry chemical, CO₂
Fire Fighting Instructions: Wear self-contained breathing apparatus
Wear full protective equipment
Specific Hazards: Irritating or toxic substances, CO

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: None
Environmental Precautions: None

7. HANDLING AND STORAGE

Handling: Avoid dust generation

Precautions: Provide appropriate exhaust ventilation at machinery and at places where dust is formed.
Be sure that described limits (point 8) are achieved.

Storage: Keep sheets dry and dust-free.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment

Respiratory Protection: In case of dust and/or fumes use breathing apparatus
Eye Protection: Safety glasses
Hand Protection: Heat insulating gloves
Hygiene Measure: Wash hands before breaks and at the end of a working day

Exposure Guidelines

Limits respirable dust: TWA (1998) = 6 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Sheets
Colour: Various
Odour: None
PH-Number: Not applicable
Melting Point/Range: 165°C
Decomposition Temperature: > 250°C
Ignition Temperature: > 320°C
Explosive Properties: Not applicable
Density, °C: 1,64 g/cm³ at 46Vol.%
Water Solubility: Insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid: Temperature above 250°C and long hold-up time lead to degradation

Materials to avoid: Strong oxidizing agents

Hazardous Decomposition Products: CO, inflammable gas (when degradation takes place)

Further information: During forming, small amounts of gases may be released. These may irritate eyes, nose and throat

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: With proper use and in accordance with the regulations
no known dangers to health

12. ECOLOGICAL INFORMATION

Remarks: No ecological testing has been performed

13. DISPOSAL CONSIDERATIONS

Unused Products: Prove recycling of product
Product can be land filled or incinerated if in accordance
with federal and local regulations.
Contaminated Packaging: Empty containers should be transported to a local recycling
or waste disposal

14. TRANSPORTATION INFORMATION

Not classified as dangerous in the meaning of transport regulations (ADR, GGVS, RID, GGVE, ADN, GGVB, IMDG/UN, ICAO/IATA-DGR)

15. REGULATORY INFORMATION

Hazard Symbol
This material is not subject to classification according to European Union Directives 67/548 and 88/379.

16. OTHER INFORMATION

Do not use in medical applications involving permanent implantation in the human body.

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. The information given is not transferable to other products. The Bond-Laminates GmbH cannot take over the guaranty of the completeness of the information given in this data sheet. Persons receiving this information are strongly requested to prove suitability and completeness for their special applications.