CTP SIA
Pils iela 18-3, Rīga, LV 1050, Latvija
VAT Reg. Nr. 40003790534
Kontakttālrunis +37167812607; +37129243256

EU Health and Safety Data Sheet

Buffler 20

CTP Safety Data Sheet in accordance with 1907/2006 EC

1. Name of material / preparation and company

Name of material / preparation:
Sound Absorber acoustic insulation sheets
Product description
Self-adhesive Polyurethane flexible foam or PUR with metalized PP film.
Usage:
Consumer Sound Insulation

Name of company / Manufacturer:
CTP LTD
Pils 18-3 LV1050
Riga Latvia
sc@silentcoat.lv
+371 67812607

2. Possible dangers

Not classified as dangerous according to EC directives, not relevant
Material is identified as industrial polymers. According to EU Regulation 1907/2006EC (REACH) Polyurethane foams are defined as “articles”.

3. Composition: information on ingredients

Cover:	Metalized PP film
Base:	Polyurethane Foam
Glue:	Water based acrylic emulsion pressure sensitive
Interline:	Release paper 80g/m2

4. First aid measures

After inhalation:	Not relevant
After contact with the skin:	Not relevant
After contact with the eyes:	Not relevant
After swallowing:	Not relevant

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5. Firefighting measures

Flash ignition point: Between 315°C to 370°C
Decomposition temperature: Above 180°C
Thermal energy: 28.000 KJ/kg
Auto-ignition point (ASTM D 1929): Between 370°C to 427°C
Melting point: The product has no melting point but will decompose into gaseous components.
Fire hazard: The product is a combustible material and causes, when burning, intense heat and dense smoke. In a fire, decomposition products such as carbon black, carbon monoxide, carbon dioxide, gaseous hydrocarbons and nitrogen containing products can be generated in various concentrations depending on the combustion conditions.
Fire Risks: contains flame retardants are used to describe improved ignition resistance in small-scale tests and do not reflect hazards in large scale fire conditions
Human protection in large fires: Fire fighters should use self-contained breathing apparatus. Should the burning foam come in contact with skin, cool the burned area with water without removing the foam. In case of serious burns call a doctor immediately. In the event of persons inhaling combustion gases, they must be removed from the area and given swift medical attention.
Appropriate extinguishing agents: Water, carbon dioxide, dry powder, liquid foam

6. Measures in case of unintended release

Not applicable

7. Handling and storage

Storage: the products should be Store away from heat sources (match, cigarette, open fire, electrical heater ...). UV rays may cause surface discoloration. This does not affect the physical properties of the foam. Store in compliance with safety standards established by local Authorities and by specific requirements of the Insurance Companies.
Regulatory Information: No labeling is currently required for this material by existing EU Regulation on Classification, Packaging and Labeling of substances and mixtures (1272/2008/EC)

8. Exposure limitation and personal protection

Breathing apparatus: Not necessary
Gloves necessary: Not necesary
Protection for the eyes: Not necessary
Protection for the body: Not necessary

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9. Physical and chemical properties

Physical form/appearance: Cellular material with elastic properties
Color: Dark grey
Specific gravity: 35 – 37 kg/m^3
Temperature range: -30 C +100 C
Solubility in water: Insoluble
Odour: None or mild odour
Composition: Polyurethane polymer
Chemical description: Poly-addition product of isocyanates, polyether/ polyester polyols and water, controlled by catalysts, stabilizers and other additives, resulting in a cellular polyurethane foam.
Adhesive Strength (to metal surface): Min 5N/mm2

10. Stability and reactivity

Dangerous reactions: Not relevant
Dangerous decomposition processes: Not relevant

11. Toxicology

Acute toxicity: Not relevant
LD50 oral and dermal: There is no evidence that PU foam is toxic in case of ingestion. LD50(oral-rats) < 5.000 mg/kg
Inhalation: No adverse effect known by inhalation following contact with PU foam. Concentration in air equal to or greater than 10 mg/m3 8-h TWA of inhalable dust not allowed.

12. Ecology

Biodegradability: PU foam, the product is not degradable or degrades slowly. Therefore, special disposal measures are not necessary.
Additional ecological data: In case of a standard foam fire, the particles that fall in the water are harmless. They are sieved out of the water and/or disintegrated in the water treatment plant. Living organisms in the water are not endangered.
PU Flexible Foams do not contain Ozone depleting substances and are not produced using products regulated by pertinent Legislation.
The product is not considered to be environmentally dangerous.

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13. Information on disposal

Small quantities: Household garbage

Larger quantities: A major recycling option exists via rebounding if a series of technical and economic conditions are met. If recycling is not possible, scrap PU foam waste can be used for energy recovery or be disposed of at licensed landfill sites or by incineration under controlled conditions in agreement with EU and National regulatory provisions and following advice from the Local Waste Regulation Authority.

EAKV key for the unused product: 200139 (plastic small parts)

Disposal: can be disposed of in a suitable rubbish tip or incineration plant in accordance with local authority regulations.

Thermal recycling with simplified recycling certificate: if the product contains butyl parts (see above point 3: support), thermal recycling must be clarified with the local recycling agency.

Legislation: Under EU environmental legislation, there are no special requirements for the disposal of conventional PU foam

14. Remarks on transport

Not a hazardous material in the sense of transport regulations.

Regulatory Information: No labeling is currently required for this material by existing EU Regulation on Classification, Packaging and Labeling of substances and mixtures (1272/2008/EC)

15. Regulations

R-Phrases: Not relevant

S-Phrases: Not relevant

TA air class: Not subject to TA air

Not subject to the regulations on flammable liquids

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

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16. Other remarks

Flexible polyurethanes are polymers and defined in Data Systems, i.e. IMDS, as a product, not as a chemical compound. In terms of REACH polyurethane foam is defined as article.
For the manufacture of PU foam, a series of raw materials are used. These include isocyanates, polyols (major proportion) and water (small proportion). These ingredients are fully reacted during foam manufacture and chemically converted into the PU polymer matrix. In addition, other essential additives of different characteristics are used in small concentrations, some of which could be also chemically bonded to the matrix. Depending on the final application, legal requirements or customer's request PU foam may contain any of the following substances:
Aliphatic and/or cycloaliphatic amine catalysts
Flame-retardants
Plasticisers
Silicone and/or organic surfactants Inorganic Tin catalysts Organic and/or inorganic pigments.
No detailed breakdown of the finished foam in any of these raw materials or additives can be expressed as final percentages, as most are reactive and chemically bonded to the PU foam matrix or disappear gradually during the curing phase (24h) of the manufacture.
Additives, which prohibit the rebounding recycling route, are not present.
Substances like Hg, Cd, Pb and Cr6+ are not intentionally added to the formulation. When reporting to customers in the automotive sector the use of IMDS is required. Besides the material PU Foam, additives are to be reported according to the requirements of GADSL (Global Automotive Declarable Substance List).
All the information given above represents our present state of knowledge.
This information describes the product in respect of safety data. It does not represent a statement of characteristics in the sense of a technical specification.

Contact person for technical information: +371 67812608