



1. Identification of the substance / mixture and company name

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1.1. Product identification

Product name **Technotop Worktops**

1.2. Relevant identified uses of the substance / mixture and uses advised against

Relevant identification uses The worktops are recommended for furniture, both in the kitchen and in other areas, for arrangements that involve surfaces with specific properties of resistance and durability.

Not recommended uses It is not used in outdoor furniture and decorations

The reason why these uses are not recommended The product is not weather resistant

1.3. Details of the supplier of the safety data sheet

Company name SC KASTAMONU ROMANIA SA
 Headquarters Str. Ierbuş no. 37
 Poştal code 545300
 City Reghin
 County Mureş
 Country Romania
 Phone +(40-265) - 512.362
 E-mail info@kastamonu.ro
 Website www.kastamonu.ro

1.4. Emergency phone number

National Institute of Public Health,
 Bureau for International Health
 Regulations and Information
 toxicological +(40-21) -318.36.06
 Program: 8-16
 Monday - Friday (working days)

2. Hazards Identification

2.1. Classification of the substance / mixture

Not classified as dangerous according to EU Regulation 1272/2008

2.2. Label elements

Warning word Not applicable

2.3. Other dangers

PBT Not applicable

vPvB Not applicable

3. Composition / component information

Tehnotop worktops are made of Particleboard whose surfaces are covered with laminate by pressing and thermoforming. The laminate (HPL) is composed of several sheets of fibrous material (paper) impregnated with melamine aminoplastic resins on the decorative side. On the opposite side of the decorative one, the fibrous material is impregnated with phenolic resins.

Wood chips	84,02 %
Urea-formaldehyde resin	7.88 %
Ammonium sulphate	0,3 %
Paraffin	0,4 %
Water (board humidity)	5,9 %
Laminate (HPL)	1,5%
Heavy metals	Below the limits allowed by the norms

Wood protection substances	Absent
Pentachlorophenol	Absent
Free formaldehyde (content) according EN 312/ SR EN ISO 12460-5:2016 for the support plates or	Class E1 (≤ 8 mg/100 g dry board)
Free formaldehyde (emission) according SR EN 14322 / SR EN ISO 12460-3:2016 for laminate plates	Class E1 (≤ 3.5 mg/m ² h)

4.1. Description of first aid measures

General observations	It's not necessary
After inhalation - powders (processing)	We recommend wearing the dust mask
After skin contact	It's not necessary
After contact with eyes - dust (processing)	Rinse eyes with plenty of water. In serious cases, consult the ophthalmologist.
After ingestion - powders (processing)	Do not induce vomiting. Rinse mouth thoroughly with plenty of water. In serious cases, consult your doctor.

4.2. The most important symptoms and effects, both acute and delayed

Symptoms immediate (powders from processing)	Cough, eye irritation
Long-term exposure symptoms (processing powders)	Respiratory insufficiency, inflammation and edema of the bronchi, pulmonary edema, acute conjunctivitis.
Other information (powders from processing)	The material is destructive to the nasal mucosa, especially the upper respiratory tract and the eyes.

4.3. Indications for any immediate medical attention and special treatments required

Note for the doctor	No data available.
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5. Fire-fighting measures

5.1 Fire extinguishing means

Appropriate extinguishing means	Sprayed water, fire-fighting foams, chemical powders or carbon dioxide
Inappropriate extinguishing means	It's not necessary

5.2. Special hazards causing from the substance or mixture

Harmful gases	Carbon monoxide and light carbon dioxide emissions from nitrogen oxides
Other informations	.

5.3. Advice for firefighters

Echipment	A self-contained gas mask must be worn. Wear anticaloric equipment
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5.4. Additional Information

Spray water for cooling equipment and / or non-incendiary fires in the vicinity

6. Measures to be taken in case of accidental dispersion

6.1. Personal precautions, protective equipment and emergency procedures

For staff who do not intervene	Evacuate the area as quickly as possible. Observe the instructions of the intervention team
For the intervening staff	Wear protective equipment for the respiratory system Ensure adequate ventilation of the space. Remove all ignition sources. Evacuate personnel to safe areas.

6.2. Environmental precautions

Preventive actions	Take all necessary measures to reduce dust emissions. Storage should be done in enclosed spaces equipped with fire extinguishing systems
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Intervention precautions Evacuation in any form should be avoided in the environment

6.3 Methods and materials for fire insulation and cleaning

Insulation It's not necessary

Cleaning Cleaning the fire-fighting fluids will be done with absorbent materials (sand, synthetic absorbents, sawdust, wood flour, etc.) after which the residue is removed by means of a vacuum cleaner or wet brush. The resulting waste is considered non-hazardous.

6.4 Referrals to other sections

For waste disposal see section 13.

7.1. Precautions for safe handling

Protection measures No special protective measures required

Advice on general hygiene Wash hands with water and soap before break, eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions Closed and well ventilated. Temperature in the range of 15 ÷ 30 ° C and relative humidity of ambient air that does not exceed 65% than a few weeks a year.

Packaging material PE film, cardboard, PET band

Requirements for storage areas Surveillance and alarm and fire extinguishing elements. Access is limited and controlled.

7.3 Specific end use (specific end uses)

Specific use Production of furniture, both in the kitchen and in other areas, for furnishings that involve surfaces with specific properties of durability.

Other uses It is not used in outdoor furniture and decorations

Other uses Not applicable

8. Exposure controls / personal protection

8.1 Control parameters

8.1.1. Occupational exposure limit values

Wood dust in case of processing Inhalable Fraction Limit Values (mg / m³ / 8h) - 5mg / m³

8.1.2. Occupational exposure limit values

Workspace monitoring Monitoring is done at the intervals recommended by local authorities competent for health and safety, or unless there are other recommendations at least once a year.

Air emission monitoring Recommendation is on-line or on-time monitoring recommended by local environmental authorities

Biological monitoring Not applicable

Other monitoring Not applicable

8.2 Exposure controls

Appropriate technical controls Maintenance works will be carried out at the scheduled time intervals and recommended by the equipment manufacturer

Personal protection EIP1 will be mandatory

Eye / face protection In case of processing, wear a facial protection mask. Eye and face protection equipment must be tested according to EN 166 - Individual eye protection. Specifications

Skin protection It's not necessary

Breathing protection Wear protective mask when processing

9. Physical and chemical properties

Smell	Wood with smell urea-formaldehyde resin
pH, at 25°C	It's not necessary
Flashpoint	200-275 °C
Inflamability point	300°C
Lower limit of flammability / explosion (dust)	12 mg/m ³
The upper limit of flammability / explosive (powder)	60 mg/m ³

10. Stability and reactivity

Reactivity	It's not necessary
Chemical stability	It's not necessary
Possibility of dangerous reactions	It's not necessary
Conditions to be avoided	It's not necessary
Incompatible materials	To be avoided excessive humidity
Hazardous decomposition products	It's not necessary

11. Toxicological information

Skin irritation	No data available
Skin corrosion	No data available
Serious eye damage / eye irritation:	No data available
Sensitization of the respiratory tract / skin	No data available
Mutagenicity of germ cells	No data available
Carcinogenicity	No data available
Toxicity for reproduction	No data available
Summary of CMR property evaluation	No data available
STOT - single exposure	No data available
STOT - Repeated exposure	No data available
Other informations	No data available

12. Ecological information

12.1. Toxicity

Warning It's not necessary

12.2. Persistence and degradability

No data available

12.3. Bioaccumulation potential

No data available

12.4. Mobility in soil

Mobility No data available

12.5. PBT și vPvB evaluation results

PBT Not applicable

vPvB Not applicable


12.6. Other adverse effects

No data available

12.7. Additional Information

No data available

13. Consideration regarding elimination

	SAFETY DATA SHEET
	TECHNOTOP WORKTOPS <i>in accordance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 (CLP) and Regulation (EC) 453/2010</i>

General information	Wastes of any nature of the product and residues are not considered hazardous waste.
Elimination of the product / packaging	Waste Code 03 01 05 - sawdust, shavings, chips, plank and veneer other than those mentioned in 03 01 04 according to GD 856/2002
Relevant information for waste treatment	No information available
Relevant information on disposal in sewerage	It's not necessary
Other disposal recommendations	There are no other recommendations

14. Transport information

14.1. ONU Number

ADR/RID	Not applicable
IMDG	Not applicable
IATA	Not applicable

14.2. The correct ONU shipping name

ADR/RID	Not applicable
IMDG	Not applicable
IATA	Not applicable

14.3. Transport hazard class (es)

ADR/RID	Not applicable
IMDG	Not applicable
IATA	Not applicable

14.4. Packing group

14.5. Dangers to the environment

Not applicable

14.6. Special precautions for users

During transport	Avoid open fire near the product, the load must be covered and secured against overturning
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15. Regulatory information

15.1. 1Safety, health and environmental regulations / legislation specific for the substance or mixture concerned

Regulations / European Directives	<ul style="list-style-type: none"> - Directive 2009/161 / EU establishing a third list of indicative occupational exposure limit values in application of Council Directive 98/24 / EC and amending Commission Directive 2000/39 / EC - Directive 89/686 / EEC on the approximation of the laws of the Member States relating to personal protective equipment
National Government Laws / Decisions	<ul style="list-style-type: none"> - Law 319/2006 on labor protection and safety with subsequent amendments - GD 355/2007 on the health surveillance of workers - Hot. no. 1048/2006 on the minimum safety and health requirements for the use by workers of personal protective equipment at work - Hot. no. 1146/2006 on minimum safety and health requirements for the use of work equipment by workers - Hot. no. 1218/2006 on laying down minimum safety and health requirements at work to ensure the protection of workers from the risks related to the presence of chemical agents - Decision no. 1093/2006 laying down minimum safety and health requirements for the protection of workers from the risks related to exposure to carcinogens or mutagens at work - Law no. 278/2013 on industrial emissions - GEO 195/2005 on environmental protection with subsequent amendments - Law 211/2011 on Waste Management - Government Decision 856/2002 on waste management records and on the approval of the list of wastes, including hazardous wastes

Standards

- **SR EN 438-3** – High-pressure decorative laminate (HPL)-Sheets based on thermosetting resins (usually called laminates)- Part 3- Classification and specification for laminates less than 2 mm thick intended for bonding to supporting substrates.
- **SR EN ISO 13894-2** – High-pressure decorative laminates- Composite elements- Part 2- Specifications for composite elements with wood- based substrates for interior use

Restrictions on use

Not applicable

15.2. Chemical Safety Assessment

No chemical safety assessment has been performed .

16. Other information
16.1. Classification according to Regulation (EC) No. 1272/2008 (CLP)

Hazard statements (H)	It's not necessary
Precautionary Statements (P) - Prevention	It's not necessary
Precautionary Statements (P) - Intervention	It's not necessary
Elaborate	Quality Department

Informative note

The information contained in this Safety Data Sheet is correct, according to our knowledge and information at the time of its preparation. This information is necessary for the safe handling, use, processing, storage, transportation and disposal of the product and should not be considered as a guarantee or a product quality specification. The information relates only to this product and is not valid when used in combination with any other materials or in any production process, except as specified in the text.