

SAFETY DATA SHEET
according to 830/2015/EC, 28.05.2015

Date: 2010-02-02
Update: 2017-01-12



POWER-FIX

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name	POWER-FIX
Article number	R-331 – 100 ml
	R-737– 100 ml
	R-454– 250 ml

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

identified uses:	An adhesive designed for assembly – finishing work. The main field of use: building carpentry and furniture.
uses advised against:	-

1.3. Details of the supplier of the safety data sheet

Manufacturer:	NALMAT-Trzebinia Marian Krzyworzeka ul. Kościuszki 88 32-540 Trzebinia tel. +48 32 612 10 10 fax. +48 32 612 10 66 www.technicqll.pl office@technicqll.pl jakosc@technicqll.pl
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1.4. Emergency telephone number:

+ 48 (032) 711 53 27 during normal office hours - Monday - Friday 6.00am - 2.00pm
112

2. Hazards identification

2.1. Classification of the substance or mixture

The mixture has not been classified as hazardous according to the directive 790/2009/EC of Committee of 10 August 2009 adopting to the scientific and technological progress to the directive of European Parliament and Council (EC) No. 1272 Of 16 December 2008 concerning the classification, labelling and packaging substances and mixtures as amended.

Human health hazards:	-
Environmental hazards:	-
Physical and chemical hazards:	-

2.2. Label elements

Not applicable

2.3. Other hazards

PBT – lack of information concerning fulfilment of the criteria in accordance with annex XIII of Reach Directive.
vPvB - lack of information concerning fulfilment of the criteria in accordance with annex XIII of Reach Directive.

3. Composition/information on ingredients

3.1. Substance: -

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3.2. Mixtures

Description	CAS	EC	Reach No	Content %	Classification
Gum rosin	8050-09-7	232-475-7	01- 2119480418- 32-0000	0,01 – 0,09	Skin Sens.1, H317

4. First aid measures

4.1 Description of first aid measures

After eye contact:	Wash eyes with plenty of water for at least 15 min. If irritation persists - contact a doctor.
After skin contact:	Rinse irritated places with running water. If irritation persists – contact a doctor.
After inhalation:	Remove victim from the exposed place. Ensure fresh air. In case of difficulty in breathing, contact with a doctor.
After swallowing:	Rinse mouth thoroughly with water. Do not induce vomiting. Consult a physician and show this MSDS.

4.2. Most important symptoms and effects, both acute and delayed

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4.3. Indication of any immediate medical attention and special treatment needed

The decision of the method of further procedure should be made by a doctor after exact assessment of victim's conditions.

5. Firefighting measures

5.1. Extinguishing media

Water mist, CO₂, extinguishing powders, foam.

5.2. Special hazards arising from the substance or mixture

No data.

5.3. Advice for firefighters

Handling in case of a fire: Inform the neighbourhood about a fire. Remove all persons from an exposure area not taking part in liquidation of the fire. Inform the fire brigade and police. Containers exposed to action of a fire or high temperatures should be cooled with water from safe distance.
Special protective equipment: protective clothes and self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For persons not belonging to the staff removing the results of accident: Limit access of outsiders to the accident area until cleaning operation is finished. Avoid pollution of eyes and skin. Ensure good ventilation.
For people removing the failure effects: take care that the failure and its effects are to be removed only by trained staff.

6.2. Environmental precautions:

Do not allow the product to reach sewage system, surface and ground water. Protect sink basins.

6.3. Methods and material for containment and cleaning up:

In case of spilling of the adhesive, wipe, scrape or cover it with sand, take up and collect in special containers. Store in accordance with local and state regulations. Rinse contaminated surface with water.

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6.4. Reference to other sections

Information concerning safe holding – section / chapter 7.
Information concerning personal protective equipment - section / chapter 8.
Information concerning utilisation - section / chapter 13.

7. Handling and storage

7.1. Precautions for safe handling:

Handling and storage:

Work in compliance with the applicable industrial safety and hygiene rules, as well as with stand instructions in a work place. Use away from fire and possible ignition in well ventilated rooms. During work do not eat, drink and smoke. Use protection of eyes, hands and inhalation system.

7.2. Conditions for safe storage, including any incompatibilities

Storage: Store in dry and well ventilated rooms in tightly closed containers at +10°C - +35°C. Store away from ignition sources. Do not smoke close to warehouse. Protect from frost. In household conditions, store the product in original, tightly closed packages, in cool and well ventilated rooms, out of reach of children.

7.3. Specific end use(s)

No data.

8. Exposure controls/personal protection

The personal protection media should fulfil the requirements of instructions of the Cabinet of 21.12.2005 (Dz. U. No. 259, pos. 2173) Directive 89/686/WE (together with later changes). The employer is obliged to ensure measures of personal protection suitable for activities that are made and their cleaning and maintenance.

8.1. Control parameters

Ingredients with limit values that require monitoring at the work place.

Exposure control	NDS [mg/m ³]	NDSCH [mg/m ³]
-	-	-

8.2. Exposure controls

Breathing equipment:

Work in well ventilated rooms. In emergency situations – a half-mask or a mask completed with an absorber of organic vapours.

Protection of hands:

Protective gloves.

Eye protection:

Protective glasses

Protection of body:

Working clothes

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Psychical state	High viscosity liquid
Colour	White
Odour	Characteristic
pH value	8-9
Ignition point	-
Self-ignition point	-
Solubility in water	Soluble
Density (20°C)	1,35 – 1,45 g/cm ³

9.2. Other information

Lack of additional tests.

10. Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

No dangerous products of decomposition, when stored and handled correctly.

10.3. Possibility of hazardous reactions

No data.

10.4. Conditions to avoid

Do not store at a temperature below 10°C. At low temperatures there is irreversible coagulation of the polymer.

10.5. Incompatible materials

No data.

10.6. Hazardous decomposition products

At a temperature of about 177°C acrylate monomer is emitted.

11. Toxicological information

11.1. Information on toxicological effects

The mixture does not contain substances classified as harmful, poisonous or dangerous in concentrations forming danger.

Acute toxicity:

Gum rosin:

LD 50 (rat) - orally – 7600 mg/kg

LD 50 (mouse) – orally – 4600 mg/kg

LD 50 (rat) – skin – 2500 mg/kg

12. Ecological information

12.1. Toxicity

The product is protected against microbiological pollution. Avoid penetration of the mixture into sewage system.

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Gum rosin:
ECO (Daphnia magna) - 2,15 mg/l (24h)
EC 50 (Daphnia magna) – 9,6 mg/l (24h)
EC 100 (Daphnia magna) - 17,2 mg/l (24h)

12.2. Persistence and degradability

The product does not spread spontaneously. The vapours are harmless, therefore there is no danger of poisoning the air. Air pollution can occur only during the fire solidified polymer. The dispersion can be easily diluted with water. After spillage penetrates into ground water and soil.

12.3. Bioaccumulative potential

Do not possess potential for bioaccumulation.

12.4. Mobility in soil

The product does not spread spontaneously.

12.5. Results of PBT and vPvB assessment

PBT	Lack of information concerning fulfilment of criteria in accordance with Annex XIII of Reach Directive.
vPvB	Lack of information concerning fulfilment of criteria in accordance with Annex XIII of Reach Directive.

12.6. Other adverse effects

No data.

13. Disposal considerations

13.1. Waste treatment methods

Do not allow the product to reach sink basins, water basins and sewage system.
Small quantities at the consumer's – treat as communal waste from a household. Big quantities of the waste product should not be disposed together with communal waste. Liquidate in waste treatment/disposal plants, in accordance with obligatory regulations.
Procedure with waste packages at the consumer's:
Treat the package after the product as communal waste.
Procedure with waste packaging containing the product residues (bigger quantities)
Transfer to utilization in accordance with obligatory regulations.
waste code:
Package content:
Kind of waste: waste adhesives and sealants other than listed in 08 04 09
Waste code: 08 04 10
Package:
Kind of waste: Packages from plastics.
Waste code: 15 01 02

14. Transport information

14.1. UN-Number

Transport at temperatures: +10°C – +35°C
The product does not form any threat in transport. It is not subject to RID/ADR regulations. It can be transported in any means of transport in tightly closed packages.

**Land transport ADR/RID and GGVSEB
(international/state)**

Class ADR/RID – GGVSEB: -

Sea transport IMDG/VSee:

Class IMDG/VSee: -

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Air transport ICAO – TI IATA – DGR:

Class ICAO/IATA: -

14.2. Proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Hazards to environment

Not applicable.

14.6. Special precautions for user

While handling the cargo, apply personal protection measures according to section 8.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

15. Regulatory information

15.1. Legislation related to safety, health and environment protection specific for substance or mixture:

The regulation of European Parliament and Council (EC) no. 1907/2006 of 18 December 2006 concerning the registration, evaluation, authorization and restriction of chemicals (REACH), for establishing the European Chemical Agency, changing the directive 1999/45/EC and cancelling the regulation of

EEC) no.793/93 and the regulation of Committee(EC) no.1488/94, as well as the directive of council 76/769/EEC and the directives of Committee 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC,

The regulation of European Parliament and Council (EC) no.1272/2008 of 16 December 2008 concerning the classification, labelling and packing the substances and mixtures, changing and cancelling the directives 67/548/EEC and 1999/45/EC and changing the regulation (EC) no.1907/2006

The regulation of Committee (EC) no.790/2009 of 10 August 2009 adopting to the scientific and technological progress the regulation of European Parliament and Council (EC) no 1272/2008 of 16 December 2008 concerning the classification, labelling and packing the substances and mixtures

The regulation 453/2010/EU Council of 10.05.2010 changing the regulation no. 1907/2006/EU of European Parliament and Council concerning the registration, estimation, granting permissions and suitable limits in the range of chemicals (REACH)

The directive of European Parliament and Council no.2006/12/EC of 5 April 2006 concerning waste.

The directive of Council no. 91/689/EEC of 12 December 1991 concerning dangerous waste.

The directive of European Parliament and Council no 94/62/EU. of 20 December 1994 concerning packaging and packaging waste.

15.2. Estimation of chemical safety:

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16. Other information

Explanation of symbols in the 3 point of Safety Data Sheet:

If content of gum rosin is <1%, the mixture is not classified as irritating and does not cause allergy after skin contact.

If content of sensitizing substance is <1%, it is not required to place the inscription warning on the packaging: "Contains gum rosin. May cause an allergic reaction."

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief 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 and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

MSDS developed by NALMAT Trzebinia