

STRUCTURAL BUMPER PAINT

SECTION 1: SUBSTANCE/MIXTURE IDENTIFICATION AND MANUFACTURER/SUPPLIER IDENTIFICATION

1.1. Product identification

BUMPER STRUCTURAL PAINT

UFI: KDV0-E04G-S007-U3N3

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

No further data available.

Use of the substance/mixture: Paint *

1.3 Data of the safety data sheet supplier

Przedsiębiorstwo RANAL Sp. z o.o.

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1.4. Emergency telephone

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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to the Regulation (EC) no 1272/2008. *



GHS02 flame

Flam. Liq. 3, H226: Flammable: liquid and vapour.



GHS07

STOT SE 3, H336: May cause drowsiness or dizziness.

2.2. Label elements

Classification according to the regulation (EC) 1272/2008:

The product has been classified and labelled according to CLP regulation.

Pictograms:



GHS02 GHS07 *

Signal word: **WARNING:**

Label elements specifying the type of hazard:

n-Butyl acetate.

2-methoxy-1-methylethyl acetate*.

Hydrocarbons C9, aromatics*.

Hazard statements:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Precautionary statements*:

P101 If medical advice, is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from sources of heat/ sparks/open flames/hot surfaces. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 * Wear protective gloves/protective clothing/eye protection/face protection/ ears protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/or shower.

P304+P340* IF INHALED: Remove victim to fresh air and keep at rest * in a position comfortable for breathing.

P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

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2.3. Other hazards

Results of PBT and vPvB assessment:

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Description: Mixture of substances listed below with harmless components.

Hazardous components:		
CAS: 123-86-4 EINECS: 204-658-1 Reg. no.: 01-2119485493- 29	n-Butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	25 - 50%
CAS: 108-65-6 EINECS: 203-603-9 Reg. no.: 01-2119475791- 29	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	2.5 - <10%
CAS: 64742-95-6 EC number: 918-668-5 Reg. no: 01-2119455851-35	Hydrocarbons C9, aromatics* Flam. Liq. 3, H226;d~_ Asp. Tox. 1, H304;d~_ Aquatic Chronic 2, H411;d~_ STOT SE 3, H335-H336, EUH066	1 - <2.5%
CAS: 112-07-2 EINECS: 203-933-3 Reg. no: 01-2119475112-47	2-butoxyethyl acetate * Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	1 - <2.5%

Additional information: Full text of hazard statements provided in section 16 of the Sheet.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information*: Immediately remove contaminated clothing.

After inhalation: Supply fresh air, in case of disturbances, consult a doctor.

After contact with skin: Immediately wash with water and soap and rinse thoroughly.

After contact with eyes: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist, consult a doctor.

4.2. Most important symptoms both acute and delayed

No further relevant data available*.

Exposure effects: The most important symptoms both acute and delayed are described on the label (see section 2 and/or section 11 of the Sheet).

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

No data.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents: Full jet of water.

5.2. Special hazards arising from the substance or mixture

No data.

5.3. Advice for fire fighters

Protective equipment: No special measures required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency measures

Wear protective clothing. Move unprotected persons to a safe place.*

6.2. Environmental precautions

Do not allow entering sewage system /surface water /ground water.

6.3. Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to section 13*. Ensure adequate ventilation*.

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6.4. Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on individual protection equipment. See section 13 for information on disposal.

SECTION 7: HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

7.1. Precautions for safe handling

Use only in well-ventilated areas. Ensure good ventilation / exhaustion at the workplace*. Avoid spraying*.

Information about fire and explosion protection:

Keep ignition sources away– do not smoke.

Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Keep away from food.

Further information about storage conditions: Keep containers tightly closed.

Storage class: 3

7.3. Special end use(s)

No data.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION MEASURES

8.1. Control parameters

Components with limit values that require monitoring at the workplace:

123-86-4 Butyl acetate*	
MPC	MPIC: 720 mg/m ³ * MPC: 240 mg/m ³ *
108-65-6 2-methoxy-1-methylethyl acetate	
MPC	MPIC: 520 mg/m ³ MPC: 260 mg/m ³ Skin*
112-07-2 2-butoxyethyl acetate*	
MPC	MPIC: 300 mg/m ³ MPC: 100 mg/m ³ Skin

Additional information: The currently valid lists were used as basis.

8.2. Exposure control

Personal protection measures:

General measures of protection and hygiene: Wash hands before each break and at the end of work. Immediately take off all soaked and contaminated clothing*.

Respiratory protection:



In case of short-term exposure or low contamination levels use a respiratory filter.

In case of intensive or long-term exposure, use self-contained breathing apparatus.

Hands protection*:

Due to the lack of tests, recommendations regarding the material of gloves intended for working with the product/preparation/mixture are not specified.

Selection of the glove material on consideration of the breakthrough times, rates of diffusion and degradation*.



Protective gloves*.

Material of gloves:

The glove material must be impermeable and resistant to the product/substance/preparation.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product consists of several substances, the resistance of the glove material cannot be calculated in advance and should therefore be checked before use.

Penetration time of the glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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Eyes protection:



Tightly fitting glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	
Form:	liquid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
Change of state:	
Melting /freezing point:	Not determined.
Boiling point/ Boiling range:	124-128°C (123-86-4 butyl acetate)*
Flammability of materials*:	Flammable product.
Explosion limits:	bottom: 1,2 Vol %, top: 7,5 Vol % (123-86-4 butyl acetate)*
Flash point:	27°C (DIN 53213)*
Auto ignition point:	315°C (DIN 51794)
Breakdown point:	Not determined.
pH-value:	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic at 20°C:	>60 s (ISO 6 mm) *
Solubility in/miscibility with water:	Not miscible or difficult to mix.
n-octanol/water partition coefficient:	Not determined.
Vapour pressure at 20°C:	10.7 hPa ((123-86-4 butyl acetate)*
Vapour pressure at 50°C:	55 hPa *
Density at 20°C:	0,968 g/cm ³ (DIN 53217)*
Relative density:	Not determined.
Vapour density:	Not determined.

9.2. Other information

Appearance*:	
Form:	Liquids
Important information on health and environment protection and safety*:	
Ignition temperature:	The product is not self-igniting.
Explosive properties:	The product is not explosive, but may form explosive mixtures with the air.
Solvent content:	
VOC (EC)	49.39%*
Solids content (weight-%):	50.6 % *
Change of state*:	
Evaporation rate:	Not determined.
Information on the physical hazard classes*:	
Explosives:	none
Flammable gases:	none
Aerosols:	none
Oxidizing gases:	none
Gases under pressure:	none
Flammable liquids:	Flammable liquid and vapour.
Flammable solids:	none
Self-reactive substances and mixtures:	none
Pyrophoric liquids:	none
Pyrophoric solids:	none
Self-heating substances and mixtures:	none
Substances and mixtures which emit flammable gases:	none
Oxidizing liquids:	none
Oxidizing solids:	none
Organic peroxides:	none
Substances corrosive to metals:	none
Desensitised explosives:	none

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data.

10.2. Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

Hazardous reactions unknown.

10.4. Conditions to be avoided

See section 7.1. *

10.5. Incompatible materials

No data.

10.6. Hazardous decomposition products

Carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on the hazard classes defined in Regulation (EC) No 1272/2008*

Acute toxicity: Based on available data, the classification criteria are not met. *

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Allergic effect on airways or skin: Based on available data, the classification criteria are not met.

Mutagenic effect on germ cells: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Harmful effect on reproduction: Based on available data, the classification criteria are not met.

Specific target organ toxicity – single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity – repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Toxicity to aquatic life: No data.

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential

No data.

12.4. Mobility in soil

No data.*

12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6. Endocrine disrupting properties*

See section 11 for information on endocrine disrupting properties.

12.7. Other hazardous effects*

Further ecological information (general information):

Water hazard class 1 (in Self-assessment): slightly hazardous to water.

Must not be disposed together with household garbage. Prevent from reaching sewage system.*

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recommendation: Do not dispose of with household waste. Avoid leakage of the product to the sewage.

European waste catalogue: 08 01 11 Waste paints and varnishes containing organic solvents or other dangerous substances.

Uncleaned packaging: Recommendation: Dispose of according to applicable regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number *

ADR, IMDG, IATA

UN 1263

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14.2. UN proper shipping name

ADR 1263 PAINT*
IMDG, IATA PAINT*

14.3. Transport hazard class(es)

ADR



Class 3 (F1) Flammable liquids. *
Labelling 3

IMDG, IATA



Class 3 flammable liquids
Labelling 3

14.4. Packaging group

ADR, IMDG, IATA III

14.5. Environmental hazards

Marine pollutant: No

14.6. Special precautions for users

Warning: Flammable liquids.
hazard code (Kemler): 30
EMS Number: F-E,S-E
Stowage Category A

14.7. Sea transport in bulk in accordance with IMO instruments* **Not applicable.**

Transport/Additional information:

ADR:
Limited Quantities (LQ) 5 L *
Transport category 3
Tunnel restriction code: D/E
Remarks: < 450 l: 2.2.3.1.5 ADR *

IMDG:
Limited quantities (LQ) 5L
Remarks: < 30 l: 2.2.3.5 IMDG-Code *

UN Model Regulations: UN 1263 PAINT, 3, III

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations / legislations specific for the substance or mixture

Laws and regulations*:

- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) ADR/RID road and rail transport in accordance with the Government Statement of May 28, 2013 on the entry into force of amendments to Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done in Geneva on September 30, 1957. (Journal of Laws of 2013, item 815) and the Act of 28 March 2003 on rail transport - consolidated text (Journal Of Laws item 789 as amended).
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH), Official Journal of the EU L396 of 30 December 2006 as amended.

Classification according to the regulation (EC) no 1272/2008:

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.
 - Commission Regulation (EU) 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration Evaluation Authorization and Restriction of Chemicals (REACH).
 - DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain directives, as amended.
 - Directive 94/62/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 December 1994 on wastes and waste packagings, as amended.
- GHS label elements.

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Directive 2012/18/EU:

Indicated dangerous components– ANNEX I None of the components is listed.
Seveso category P5c FLAMMABLE LIQUIDS
Qualifying quantity (tonnes) for the application of lower-tier requirements: 5000 t
Qualifying quantity (tonnes) for the application of upper-tier requirements: 50000 t

Regulation (EC) no 1907/2006 ANNEX XVII Restriction conditions: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II*: none of the components is listed.

National regulations:

Additional classification according to the Regulation on hazardous materials annex II*:

Class share %
NK 50-100

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge; however it does not definitively define the production characteristics and cannot be used as a justification for valid contracts.

Relative phrases:

H226 Flammable liquid and vapour.
H302* Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312* Harmful in contact with skin.
H332* Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long-lasting effects.
EUH006* Repeated exposure may cause skin dryness or cracking.

Classification according to the Regulation (EC) no 1272/2008*:

According to Directive 1272/2008 (EU), the classification of a mixture is based on a calculation method using material data.

Explanation of abbreviations and acronyms:

RID: International Regulations for the Carriage of Dangerous Goods by Rail (Rules for the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: European agreement on the transport of dangerous goods by road
IMDG: International Marine Code of Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Chemical Substances.
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bio-accumulative and toxic
vPvB: Very persistent and very bio-accumulative
Flam. Liq. 3: Flammable liquids -Category 3
Acute Tox. 4 *: Acute Toxicity,cat. 4.
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3.
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment– long-term hazard to the aquatic environment – Category 2.

Changes in the Sheet:

Update of sections:

9: rewording of section: Information on basic physical and chemical properties
11: rewording of sub-section 11.1: Information on the hazard classes defined in Regulation (EC) No 1272/2008
12: new subsection 12.6: Endocrine disrupting properties.
14: rewording of sub-section 14.7: Sea transport in bulk in accordance with IMO instruments.

Changes in the content of sections:

1.1, 1.2, 2.1, 2.2, 3.2, 4.1, 4.2, 6.1, 6.3, 7.1, 8.1, 8.2, 9.1, 9.2, 10.4, 11.1, 12.4, 12.6, 12.7, 14.2, 14.3, 14.7, 15.1, 16.
General update.

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