

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**PlastiRoute™ RollGrip 9017 Traffic Black**

Revision date: 22.03.2021

Product code: GMDE\_30149

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

PlastiRoute™ RollGrip 9017 Traffic Black

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

Cold plastic mass based on acrylic monomers with peroxide accelerator.

**Uses advised against**

No hazardous reaction when handled and stored according to provisions.

**1.3. Details of the supplier of the safety data sheet**

Company name:	Geveko Markings Germany GmbH	
Street:	Renkenrunsstrasse 16	
Place:	D-79379 Muellheim/Baden	
Post-office box:	1348	
	D-79373 Muellheim/Baden	
Telephone:	+49 7631 3687-0	Telefax: +49 7631 3687-36
e-mail:	info@gevekomarkings.de	
Contact person:	Product Management	Telephone: -13 / -14 / -21/ -35
e-mail:	msds@gevekomarkings.com	
Internet:	www.geveko-markings.com	
Responsible Department:	Product Management	

**1.4. Emergency telephone number:**

National Poisons Information Service London: +44 (0) 20 76 35 91 91 (24 hrs.)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Flammable liquid: Flam. Liq. 3

Skin corrosion/irritation: Skin Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Hazard Statements:

Flammable liquid and vapour.

Causes skin irritation.

May cause an allergic skin reaction.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

n-butyl acrylate

methyl methacrylate

2-ethylhexyl acrylate

p-Toluidine, ethoxylated

fatty acids, C18

**Signal word:** Warning**Pictograms:**

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**Hazard statements**

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

**Precautionary statements**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use sand, extinguishing powder or alcohol-resistant foam to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.

**2.3. Other hazards**

Vapours may cause drowsiness and dizziness. Process vapors can irritate airways, skin and eyes. People who suffer from skins problems, asthma, allergies, chronic or recurring respiratory illnesses must not be deployed in processes, which use this substance.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Mixture of acrylic acid esters with acrylic polymers, additives, and mineral fillers.

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**Hazardous components**

CAS No	Chemical name	Quantity
	EC No	Index No
	REACH No	
	GHS Classification	
141-32-2	n-butyl acrylate	5 - < 10 %
	205-480-7	607-062-00-3
		01-2119453155-43
	Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3, Aquatic Chronic 3; H226 H332 H315 H319 H317 H335 H412	
80-62-6	methyl methacrylate	5 - < 10 %
	201-297-1	607-035-00-6
		01-2119452498-28
	Flam. Liq. 2, Skin Irrit. 2, Skin Sens. 1, STOT SE 3; H225 H315 H317 H335	
103-11-7	2-ethylhexyl acrylate	< 1 %
	203-080-7	607-107-00-7
		01-2119453158-37
	Skin Irrit. 2, Skin Sens. 1, STOT SE 3, Aquatic Chronic 3; H315 H317 H335 H412	
	p-Toluidine, ethoxylated	< 1 %
	911-490-9	
		01-2119979579-10
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 3; H302 H315 H318 H317 H412	
162627-17-0	fatty acids, C18	< 1 %
	605-296-0	
		01-2119970640-38
	Skin Sens. 1A; H317	
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether	< 1 %
	203-539-1	603-064-00-3
		01-2119457435-35
	Flam. Liq. 3, STOT SE 3; H226 H336	

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
141-32-2	205-480-7	n-butyl acrylate	5 - < 10 %
		inhalation: LC50 = 10,3 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); inhalation: LC50 = 2730 ppm (gases); oral: LD50 = 3150 mg/kg	
80-62-6	201-297-1	methyl methacrylate	5 - < 10 %
		inhalation: LC50 = 29,8 mg/l (vapours); dermal: LD50 = > 5000 mg/kg; oral: LD50 = 7872 mg/kg	
103-11-7	203-080-7	2-ethylhexyl acrylate	< 1 %
		dermal: LD50 = 7522 mg/kg; oral: LD50 = 4435 mg/kg	
	911-490-9	p-Toluidine, ethoxylated	< 1 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = 619 mg/kg	
107-98-2	203-539-1	1-methoxy-2-propanol; monopropylene glycol methyl ether	< 1 %
		dermal: LD50 = 11000 mg/kg; oral: LD50 = > 5000 mg/kg	

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**
**General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

No administration in cases of unconsciousness or cramps.

If victim is at risk of losing consciousness, position and transport on their side.

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**After inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest.  
When in doubt or if symptoms are observed, get medical advice.

**After contact with skin**

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.  
Clean with detergents. Avoid solvent cleaners.  
After cleaning apply high-fat content skin care cream.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Rinse mouth immediately and drink plenty of water.  
Observe risk of aspiration if vomiting occurs.  
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

May cause an allergic skin reaction.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Use sand, extinguishing powder or alcohol resistant foam.

**Unsuitable extinguishing media**

Full water jet.

**5.2. Special hazards arising from the substance or mixture**

Thermal decomposition can lead to the escape of irritating gases and vapors. In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

**5.3. Advice for firefighters**

Protective respiration apparatus not using surrounding air (breathing apparatus) (DIN EN 133).

**Additional information**

Co-ordinate fire-fighting measures to the fire surroundings.  
Due to gaseous decomposition products, overpressure can occur in tightly sealed containers.  
Containers exposed to fire should be cooled with water.  
Contaminated fire-fighting water must be collected separately.  
Prevent penetration into soil, drains and surface waters.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General measures**

Do not breathe vapour. For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Frequently or prolonged contact with skin may cause dermal irritation.  
Ventilate affected area.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**6.3. Methods and material for containment and cleaning up****Other information**

Take up mechanically, placing in appropriate containers for disposal.

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Soak up inert absorbent and dispose as waste requiring special attention.  
Clear contaminated areas thoroughly.

**6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin and eyes.  
Avoid exposure - obtain special instructions before use.  
Observe technical data sheet.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

**Further information on handling**

Wear suitable protective clothing, gloves and eye/face protection.  
Wash hands before breaks and after work.  
Take off contaminated clothing and wash it before reuse.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store in a place accessible by authorized persons only.  
The floor should be leak tight, jointless and not absorbent.  
Keep away from sources of ignition - No smoking.  
Keep/Store only in original container.  
Only use containers specifically approved for the substance/product.  
Suitable material for Container: metal.  
Keep container tightly closed.

**Hints on joint storage**

Storage class (D): 3 ([www.vci.de](http://www.vci.de))  
Do not store together with:  
Storage class (D): 1, 2A, 4.1A, 4.1B, 4.2, 4.3, 5.1A, (5.1B), 5.1C, 5.2, 6.1B, (6.1D), 6.2, 7, (11), (10-13)  
Figures in ( ): The common storage is only allowed limited.

**Further remarks:**

Storage class 1 : Explosive substances.  
Storage class 2A : Gases.  
Storage class 2B : Aerosols.  
Storage class 3 : Flammable liquids.  
Storage class 4.1A : Other explosive substances.  
Storage class 4.1B : Flammable solids or desensitized substances.  
Storage class 4.2 : Self-igniting substances.  
Storage class 4.3 : Substances which, when in contact with water, form flammable gases.  
Storage class 5.1A : Strongly oxidizing substances.  
Storage class 5.1B : Oxidizing substances.  
Storage class 5.1C : Ammonium nitrate and ammonium nitrate materials.  
Storage class 5.2 : Organic peroxides and self-reactive substances.  
Storage class 6.1A : Combustible acute toxic substances.  
Storage class 6.1B : Non-combustible acute toxic substances.  
Storage class 6.1C : Combustible toxic substances or substances with chronic effects.  
Storage class 6.1D : Non-combustible toxic substances or substances with chronic effects.  
Storage class 6.2 : Infectious substances.

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Storage class 7 : Radioactive materials.

Storage class 8A : Combustible corrosive substances.

Storage class 8B : Non-combustible corrosive substances.

Storage class 10 : Combustible liquids, if not storage class 3.

Storage class 11 : Combustible solids.

Storage class 12 : Non-combustible liquids.

Storage class 13 : Non-combustible solids.

Storage class 10-13: Other combustible and non-combustible substances.

**Further information on storage conditions**

Storage temperature: 5°C up to 30 °C/ 41 °F up to 86 °F

Keep only in the original container in a cool, well-ventilated place.

**7.3. Specific end use(s)**

Only to be used for road marking

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
107-98-2	1-Methoxypropan-2-ol	100	375		TWA (8 h)	WEL
		150	560		STEL (15 min)	WEL
108-83-8	2,6-Dimethylheptan-4-one	25	148		TWA (8 h)	WEL
128-37-0	2,6-Di-tert-butyl-p-cresol	-	10		TWA (8 h)	WEL
80-62-6	Methyl methacrylate	50	208		TWA (8 h)	WEL
		100	416		STEL (15 min)	WEL
141-32-2	n-Butyl acrylate	1	5		TWA (8 h)	WEL
		5	26		STEL (15 min)	WEL

**DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
80-62-6	methyl methacrylate			
	Worker DNEL, long-term	dermal	systemic	13,7 mg/kg bw/day
	Worker DNEL, long-term	dermal	local	1,5 mg/cm <sup>2</sup>
	Worker DNEL, long-term	inhalation	systemic	208 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation	systemic	416 mg/m <sup>3</sup>
	p-Toluidine, ethoxylated			
	Worker DNEL,	inhalation	systemic	9,8 mg/m <sup>3</sup>
	Worker DNEL,	dermal	systemic	1,4 mg/kg bw/day

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#### PNEC values

CAS No	Substance	Value
Environmental compartment		
80-62-6	methyl methacrylate	
Freshwater		0,94 mg/l
	p-Toluidine, ethoxylated	
Freshwater		0,048 mg/l

#### 8.2. Exposure controls



##### Appropriate engineering controls

Use only in well-ventilated areas.

##### Protective and hygiene measures

- Do not eat, drink, smoke or sneeze at the workplace.
- Before starting work, apply solvent-resistant skincare preparations.
- Wash hands before breaks and after work.
- After cleaning apply high-fat content skin care cream.
- Avoid contact with skin, eyes and clothes.
- Used working clothes should not be worn outside the work area.
- Wash contaminated clothing prior to re-use.

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.  
 Recommended protective gloves brand: e.g. WÜRTH, Article No.: 0899 435.  
 Thickness of glove material: 0,65 - 0,70 mm.  
 Suitable gloves type NR (natural rubber, natural latex) / neoprene outer layer like: EN 374, EN420 + EN 388.  
 Penetration time (maximum wearing period): > 30 min, Class: >= 2.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Prolonged/repetitive skin contact may cause skin de-fattening or dermatitis. After cleaning apply high-fat content skin care cream. e.g. STOKO® soft+care.

##### Skin protection

Wear suitable protective clothing, gloves and eye/face protection.

##### Respiratory protection

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Suitable respiratory protection apparatus: Half-face mask, Filter types: A2 / A2P3.

##### Environmental exposure controls

Product related measures to prevent exposure:

After use lock the container immediately.

Do not contaminate water with the product or its container (Do not clean application equipment near surface)

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water/Avoid contamination via drains from farmyards and roads).  
Do not allow to enter into soil/subsoil.

**SECTION 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

Physical state: liquid , viscous  
Colour: RAL 9017 Traffic Black  
Odour: characteristic

**Test method**

pH-Value: not relevant

**Changes in the physical state**

Melting point: not relevant  
Boiling point or initial boiling point and boiling range: 100,6 °C DIN 51751  
Sublimation point: not relevant  
Softening point: not relevant  
Pour point: not relevant  
Flash point: 30 °C ISO 3679  
Sustaining combustion: Sustaining combustion UN Test L.2

**Flammability**

Solid/liquid: not applicable  
Gas: not applicable

**Explosive properties**

The gas-air-mixture does have an explosion range at 20 °C and standard pressure (101,3 kPa).

Lower explosion limits: 1,2 vol. % DIN EN 1839  
Upper explosion limits: 12,5 vol. % DIN EN 1839  
Auto-ignition temperature: 275 °C DIN 51794

**Self-ignition temperature**

Solid: not applicable  
Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties**

Oxidizing.

Vapour pressure: 39 hPa DIN EN 13016-1  
(at 20 °C)  
Vapour pressure: 167 hPa DIN EN 13016-1  
(at 50 °C)  
Density (at 20 °C): 1,80 g/cm<sup>3</sup> ISO 2811  
Bulk density: not relevant  
Water solubility: 18 g/L OECD 105  
(at 20 °C)

**Solubility in other solvents**

The polymer component is soluble in: Ketone, ester

Partition coefficient n-octanol/water: not determined  
Viscosity / dynamic: 4500 - 6000 mPa·s DIN 53019  
(at 23 °C)



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Viscosity / kinematic: (at 23 °C)	not applicable
Flow time: (at 23 °C)	>40s 6 DIN EN ISO 2431
Relative vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	< 3,0 % (characteristic < 0,5 %)
Solvent content:	0,24 %

**9.2. Other information**

Solid content:	not determined
Viscosity, Daniel (20 °C):	13 - 15

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Flammable liquid and vapour. No risks worthy of mention. Please observe the information on the safety data sheet at all times.

**10.2. Chemical stability**

No hazardous reaction when handled and stored according to provisions.  
The product is chemically stable under recommended conditions of storage, use and temperature.  
No risks worthy of mention.  
Store at temperatures not exceeding 30 °C/86 °F. Keep cool.

**10.3. Possibility of hazardous reactions**

Can polymerize exothermically if heated, exposed to sunlight or by addition of free radical initiators.

**10.4. Conditions to avoid**

Store at temperatures not exceeding 30 °C/86 °F. Keep cool.

**10.5. Incompatible materials**

Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.

**10.6. Hazardous decomposition products**

Thermal decomposition can lead to the escape of irritating gases and vapors.  
Hazardous decomposition products: Nitrogen oxides (NO<sub>x</sub>), Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), Monomer(s).

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Toxicokinetics, metabolism and distribution**

There are no data available on the mixture itself.

**Acute toxicity**

There are no data available on the mixture itself.  
The statement is derived from the properties of the single components.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
141-32-2	n-butyl acrylate				
	oral	LD50 mg/kg 3150	Rat	BASF	BASF-Test
	inhalation (4 h) vapour	LC50 10,3 mg/l	Rat	BASF	OECD 403
	inhalation aerosol	ATE 1,5 mg/l			
	inhalation (4 h) gas	LC50 ppm 2730	Rat		
80-62-6	methyl methacrylate				
	oral	LD50 mg/kg 7872	Rat		OECD 401
	dermal	LD50 mg/kg > 5000	Rabbit		
	inhalation (4 h) vapour	LC50 29,8 mg/l	Rat		
103-11-7	2-ethylhexyl acrylate				
	oral	LD50 mg/kg 4435	Rat	IUCLID	
	dermal	LD50 mg/kg 7522	Rabbit	IUCLID	
	p-Toluidine, ethoxylated				
	oral	LD50 mg/kg 619	Rat	ECHA	OECD 401
	dermal	LD50 mg/kg >2000	Rat	ECHA	OECD 402
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether				
	oral	LD50 mg/kg > 5000	Rat	IUCLID	
	dermal	LD50 mg/kg 11000	Rabbit		

**Irritation and corrosivity**

Irritating to eyes, respiratory system and skin.

**Sensitising effects**

May cause sensitization by skin contact.

**Carcinogenic/mutagenic/toxic effects for reproduction**

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

No known symptoms to date.

**STOT-repeated exposure**

There are no data available on the mixture itself.

**Specific effects in experiment on an animal**

There are no data available on the mixture itself.

**Additional information on tests**

There are no data available on the mixture itself.

**Practical experience**

There are no data available on the mixture itself.

**11.2. Information on other hazards**
**Other information**

There are no data available on the mixture itself.

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**Further information**

Preparation not tested. Toxicological data are not available.

**SECTION 12: Ecological information**
**12.1. Toxicity**

There are no data available on the mixture itself.

The statement is derived from the properties of the single components.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
141-32-2	n-butyl acrylate					
	Acute fish toxicity	LC50 2,1 mg/l	96 h	Cyprinodon variegatus		OECD 203
	Acute algae toxicity	ErC50 2,65 mg/l	96 h	Selenastrum capricornutum		OECD 201
	Acute crustacea toxicity	EC50 8,2 mg/l	48 h	Daphnia magna		OECD 202
	Crustacea toxicity	NOEC 0,136 mg/l	21 d	Daphnia magna		OECD 211
	Acute bacteria toxicity	(> 1000 mg/l)				OECD 217 (carbon transformation test)
80-62-6	methyl methacrylate					
	Acute fish toxicity	LC50 > 79 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		OECD 203
	Acute algae toxicity	ErC50 > 110 mg/l	72 h	Selenastrum capricornutum		OECD 201
	Acute crustacea toxicity	EC50 69 mg/l	48 h	Daphnia magna		OECD 202
	Fish toxicity	NOEC 9,4 mg/l	14 d	Danio rerio (zebrafish)		OECD 210
	Algae toxicity	NOEC > 110 mg/l	72 d	Selenastrum capricornutum		OECD 201
	Crustacea toxicity	NOEC 37 mg/l	21 d	Daphnia magna		OECD 202
103-11-7	2-ethylhexyl acrylate					
	Acute algae toxicity	ErC50 44 mg/l	72 h	Desmodesmus subspicatus	IUCLID	
	Acute crustacea toxicity	EC50 17 mg/l	48 h	Daphnia magna	IUCLID	
	p-Toluidine, ethoxylated					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Cyprinus carpio (Common Carp)	ECHA	OECD 203
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA	OECD 201
	Acute crustacea toxicity	EC50 48 mg/l	48 h	Daphnia magna	ECHA	OECD 202
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether					
	Acute fish toxicity	LC50 4600 - 10000 mg/l	96 h	Leuciscus idus	IUCLID	
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Selenastrum capricornutum		
	Acute crustacea toxicity	EC50 > 500 mg/l	48 h	Daphnia magna	IUCLID	

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	p-Toluidine, ethoxylated			
	OECD 301 B	1,5%	29	ECHA
	Not readily biodegradable (according to OECD criteria)			

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
141-32-2	n-butyl acrylate	2,38
80-62-6	methyl methacrylate	1,38
103-11-7	2-ethylhexyl acrylate	4,64
	p-Toluidine, ethoxylated	2,17
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether	-0,437

**BCF**

CAS No	Chemical name	BCF	Species	Source
141-32-2	n-butyl acrylate	17,3		calculated.

**12.4. Mobility in soil**

There are no data available on the mixture itself.

**12.5. Results of PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**12.7. Other adverse effects**

There are no data available on the mixture itself.

**Further information**

Preparation not tested. According to the present state of knowledge negative ecological effects are not expected.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
**Disposal recommendations**

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process. Waste requires monitoring.

Consult the appropriate local waste disposal expert about waste disposal.

Hand over to officially registered waste disposal company.

**List of Wastes Code - residues/unused products**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - used product**

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

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**List of Wastes Code - contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

**Contaminated packaging**

Cleaned containers may be recycled.  
Hand over to officially registered waste disposal company.

**SECTION 14: Transport information**
**Land transport (ADR/RID)**

**14.1. UN number:** UN 1263  
**14.2. UN proper shipping name:** Paint  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Classification code: F1  
 Special Provisions: 163 367 650  
 Limited quantity: 5 L  
 Excepted quantity: E1  
 Transport category: 3  
 Hazard No: 30  
 Tunnel restriction code: D/E

**Other applicable information (land transport)**

If this product is transported in containers of maximum capacity of 450 l it is no dangerous good of class 3 according to paragraph 2.2.3.1.5.1 of ADR / RID / ADN-Code.

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1263  
**14.2. UN proper shipping name:** Paint  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Classification code: F1  
 Special Provisions: 163 367 650  
 Limited quantity: 5 L  
 Excepted quantity: E1

**Other applicable information (inland waterways transport)**

If this product is transported in containers of maximum capacity of 450 l it is no dangerous good of class 3 according to paragraph 2.2.3.1.5.1 of ADR / RID / ADN-Code.

**Marine transport (IMDG)**

**14.1. UN number:** UN 1263  
**14.2. UN proper shipping name:** Paint

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**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** III

Hazard label: 3



Special Provisions: 163, 223, 367, 955

Limited quantity: 5 L

Excepted quantity: E1

EmS: F-E, S-E

**Other applicable information (marine transport)**

Transport in accordance with paragraph 2.3.2.5 of the IMDG Code.

**Air transport (ICAO-TI/IATA-DGR)**
**14.1. UN number:** UN 1263

**14.2. UN proper shipping name:** Paint

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** III

Hazard label: 3



Special Provisions: A3 A72 A192

Limited quantity Passenger: 10 L

Passenger LQ: Y344

Excepted quantity: E1

IATA-packing instructions - Passenger: 355

IATA-max. quantity - Passenger: 60 L

IATA-packing instructions - Cargo: 366

IATA-max. quantity - Cargo: 220 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Avoid transport on vehicles where the load space is not separated from the driver's compartment.

Use personal protective equipment as required.

Keep away from heat.

Do not allow to enter into surface water or drains.

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**SECTION 15: Regulatory information**
**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

2010/75/EU (VOC): 0,265 % (4,761 g/l)

2004/42/EC (VOC): 0,443 % (7,974 g/l)

Information according to 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS

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#### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions for women of child-bearing age.

Water hazard class (D): 1 - slightly hazardous to water

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 2.

#### Abbreviations and acronyms

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals  
 CLP: Classification, Labelling and Packaging of Substances and Mixtures  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 ADR: Accord européen sur le transport des marchandises Dangereuses par Route ( European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID: Règlement International concernant le transport des marchandises Dangereuses par chemin de fer (Regulations concerning the International Transport of Dangerous Goods by Rail )  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 ICAO: International Civil Aviation Organization  
 VOC: Volatile Organic Components / COV: Composants Organiques Volatiles

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Skin Irrit. 2; H315	Calculation method
Skin Sens. 1; H317	Calculation method

#### Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H412 Harmful to aquatic life with long lasting effects.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*