

WESTAG & GETALIT AG
33378 Rheda-Wiedenbrück

Date printed 02.09.2014, Revision 02.09.2014

Version 02. Supersedes version: 01

Page 1 / 9

SECTION 1: Identification of the substance / preparation and of the company

1.1 Product identifier

GetaCore® - Fugenklebstoff, Komponente A

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

1.2.1 Relevant uses

Adhesive

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

WESTAG & GETALIT AG
Hellweg 15
33378 Rheda-Wiedenbrück / GERMANY
Phone +49 (0) 5242 17-0
Fax +49 (0) 5242 17-75000
Homepage www.westag-getalit.de
E-mail zentral@westag-getalit.de

Address enquiries to

Technical information

Safety Data Sheet

sdb@chemiebuero.de

1.4 Emergency phone

Advisory body

+49 (0)89-19240 (24h) (english)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 2: H225 Highly flammable liquid and vapour.
Skin Irrit. 2: H315 Causes skin irritation.
Skin Sens. 1: H317 May cause an allergic skin reaction.
STOT SE 3: H335 May cause respiratory irritation.

2.1.2 Classification according to Directive 67/548/EEC or 1999/45/EC

F, Highly flammable - R 11: Highly flammable.
Xn, Harmful - R 22: Harmful if swallowed.
Xi, Irritant - R 37/38: Irritating to respiratory system and skin.
Sensitizing. - R 43: May cause sensitisation by skin contact.

2.2 Label elements

The product is classified and required to be labelled in accordance with EC-Directives

Labelling according to Regulation (EC) 1272/2008

Hazard pictograms



Signal word

DANGER

Contains:

Methyl methacrylate

Hazard statements

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/eye protection/face protection.
P312 Call a POISON CENTER/doctor/...if you feel unwell.

WESTAG & GETALIT AG
33378 Rheda-Wiedenbrück

Date printed 02.09.2014, Revision 02.09.2014

Version 02. Supersedes version: 01

Page 2 / 9

2.3 Other hazards

Physico-chemical hazards	Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
Environmental hazards	Does not contain any PBT or vPvB substances.
Other hazards	none

SECTION 3: Composition / Information on ingredients

Product-type:

The product is a mixture.

Range [%]	Substance
50 - <100	Methyl methacrylate CAS: 80-62-6, EINECS/ELINCS: 201-297-1, EU-INDEX: 607-035-00-6, ECB-Nr.: 01-2119452498-28-XXXX GHS/CLP: Flam. Liq. 2: H225 - Skin Irrit. 2: H315 - Skin Sens. 1: H317 - STOT SE 3: H335 EEC: F-Xi, R 11-37/38-43
<1	1,1'-(p-Tolylimino)dipropan-2-ol CAS: 38668-48-3, EINECS/ELINCS: 254-075-1, ECB-Nr.: 01-2119980937-17-XXXX GHS/CLP: Acute Tox. 2: H300 - Eye Irrit. 2: H319 - Aquatic Chronic 3: H412 EEC: T+-Xi, R 28-36-52/53

Comment on component parts Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.
For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Take off contaminated clothing and wash before reuse.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
Skin contact	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects
Allergic reactions

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide.
Extinguishing media that must not be used	Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

WESTAG & GETALIT AG
33378 Rheda-Wiedenbrück

Date printed 02.09.2014, Revision 02.09.2014

Version 02. Supersedes version: 01

Page 3 / 9

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.
Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
High risk of slipping due to leakage/spillage of product.
Use personal protective equipment (protective gloves, safety glasses, protective clothing).

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Dispose of absorbed material in accordance within the regulations.
Take up residues with absorbent material (e.g. sand).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Provide suitable vacuuming at the processing area.
Keep away from all sources of ignition - Refrain from smoking.
Vapours can form an explosive mixture with air.
Ignitable mixtures can be formed in the empty container.
Take precautionary measures against static discharges.
Do not eat, drink, smoke or take drugs at work.
Keep away from food and drink.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Do not store together with oxidizing agents.
Do not store together with food and animal food/diet.
Keep container tightly closed.
Protect from heat/overheating.

7.3 Specific end use(s)

See product use, SECTION 1.2

WESTAG & GETALIT AG
33378 Rheda-Wiedenbrück

Date printed 02.09.2014, Revision 02.09.2014

Version 02. Supersedes version: 01

Page 4 / 9

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Range [%]	Substance
50 - <100	Methyl methacrylate
	CAS: 80-62-6, EINECS/ELINCS: 201-297-1, EU-INDEX: 607-035-00-6, ECB-Nr.: 01-2119452498-28-XXXX
	Long-term exposure: 50 ppm, 208 mg/m ³
	Short-term exposure (15-minute): 100 ppm, 416 mg/m ³

Ingredients with occupational exposure limits to be monitored (EU)

Range [%]	Substance / EC LIMIT VALUES
50 - <100	Methyl methacrylate
	CAS: 80-62-6, EINECS/ELINCS: 201-297-1, EU-INDEX: 607-035-00-6, ECB-Nr.: 01-2119452498-28-XXXX
	Eight hours: 50 ppm
	Short-term (15-minute): 100 ppm

DNEL

Range [%]	Substance
50 - <100	Methyl methacrylate, CAS: 80-62-6
	Industrial, dermal, Acute - local effects: 1,5 mg/cm ² .
	Industrial, dermal, Long-term - local effects: 1,5 mg/cm ² .
	Industrial, dermal, Long-term - systemic effects: 13,67 mg/kg bw/d.
	Industrial, inhalative, Long-term - local effects: 208 mg/m ³ .
	Industrial, inhalative, Long-term - systemic effects: 208 mg/m ³ .
	general population, dermal, Acute - local effects: 1,5 mg/cm ² .
	general population, dermal, Long-term - local effects: 1,5 mg/cm ² .
	general population, dermal, Long-term - systemic effects: 8,2 mg/kg bw/d.
	general population, inhalative, Long-term - local effects: 104 mg/m ³ .
	general population, inhalative, Long-term - systemic effects: 74,3 mg/m ³ .
<1	1,1'-(p-Tolylimino)dipropan-2-ol, CAS: 38668-48-3
	Industrial, dermal, Long-term - systemic effects: 0,6 mg/kg bw/day.
	Industrial, inhalative, Long-term - systemic effects: 2 mg/m ³ .
	general population, oral, Long-term - systemic effects: 0,3 mg/kg bw/day.
	general population, dermal, Long-term - systemic effects: 0,3 mg/kg bw/day.
	general population, inhalative, Long-term - systemic effects: 0,4 mg/m ³ .

PNEC

Range [%]	Substance
50 - <100	Methyl methacrylate, CAS: 80-62-6
	soil, 1,47 mg/kg dw.
	sediment (freshwater), 5,74 mg/kg dw.
	sewage treatment plants (STP), 10 mg/l.
	seawater, 0,94 mg/l.
	freshwater, 0,94 mg/l.
<1	1,1'-(p-Tolylimino)dipropan-2-ol, CAS: 38668-48-3
	soil, 0,005 mg/kg soil dw.
	sediment (seawater), 0,00782 mg/kg sediment dw.
	sediment (freshwater), 0,0782 mg/kg sediment dw.
	sewage treatment plants (STP), 199,5 mg/l.
	seawater, 0,0017 mg/l.
	freshwater, 0,017 mg/l.

WESTAG & GETALIT AG
33378 Rheda-Wiedenbrück

Date printed 02.09.2014, Revision 02.09.2014

Version 02. Supersedes version: 01

Page 5 / 9

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation.
Eye protection	Safety glasses.
Hand protection	Butyl rubber, >120 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Light protective clothing.
Other	Avoid contact with eyes and skin. Do not inhale vapours. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.
Respiratory protection	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, combination filter A-P2.
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	See SECTION 6+7.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	pasty
Color	violet
Odor	characteristic
Odour threshold	not required
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	100
Flash point [°C]	9
Flammability [°C]	430
Lower explosion limit	2,1 Vol.%
Upper explosion limit	12,5 Vol.%
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	3,87 (20°C)
Density [g/ml]	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	insoluble
Partition coefficient [n-octanol/water]	not determined
Viscosity	5000 cP (Brookfield)
Relative vapour density determined in air	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Autoignition temperature [°C]	not applicable
Decomposition temperature [°C]	not determined

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

WESTAG & GETALIT AG
33378 Rheda-Wiedenbrück

Date printed 02.09.2014, Revision 02.09.2014

Version 02. Supersedes version: 01

Page 6 / 9

10.3 Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
Reactions with alkalis, amines and strong acids.
Reactions with oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

Oxidizing agent
Acids
Alkalies

10.6 Hazardous decomposition products

Flammable gases/vapours.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product
ATE-mix, oral, Rat: > 2000 mg/kg.

Range [%]	Substance
50 - <100	Methyl methacrylate, CAS: 80-62-6
	LD50, dermal, Rabbit: > 5000 mg/kg.
	LD50, oral, Rat: > 5000 mg/kg (OECD 401).
	LC50, inhalative, Rat: 29,8 mg/l.
<1	1,1'-(p-Tolylimino)dipropan-2-ol, CAS: 38668-48-3
	LD50, dermal, Rat: >2000 mg/kg.
	LD50, oral, Rat: 25 - 200 mg/kg.

Serious eye damage/irritation not determined

Skin corrosion/irritation not determined

Respiratory or skin sensitisation not determined

Specific target organ toxicity — single exposure not determined

Specific target organ toxicity — repeated exposure not determined

Mutagenicity not determined

Reproduction toxicity not determined

Carcinogenicity not determined

General remarks

Toxicological data of complete product are not available.
The product was classified on the basis of the calculation procedure of the preparation directive.

WESTAG & GETALIT AG
33378 Rheda-Wiedenbrück

Date printed 02.09.2014, Revision 02.09.2014

Version 02. Supersedes version: 01

Page 7 / 9

SECTION 12: Ecological information

12.1 Toxicity

Range [%]	Substance
50 - <100	Methyl methacrylate, CAS: 80-62-6
	LC50, (96h), Oncorhynchus mykiss: > 79 mg/l (OECD 203).
	EC50, (72h), Selenastrum capricornutum: > 110 mg/l (OECD 201).
	EC50, (48h), Daphnia magna: 69 mg/l (OECD 202).
	NOEC, (21d), Daphnia magna: 37 mg/l (OECD 202-2).
	NOEC, Danio rerio: 9,4 mg/l (OECD 210).
<1	1,1'-(p-Tolylimino)dipropan-2-ol, CAS: 38668-48-3
	LC50, (96h), fish: 17 mg/l.
	EC50, (48h), Daphnia magna: 28,8 mg/l.
	EC50, (72h), Algae: 245 mg/l.

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

not determined

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

No classification on the basis of the calculation procedure of the preparation directive.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.
Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. (recommended)

080409*

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.
Untampered packaging may be taken for recycling.

Waste no. (recommended)

150110*

SECTION 14: Transport information

14.1 UN number

See SECTION 14.2 in accordance with UN shipping name


WESTAG & GETALIT AG
33378 Rheda-Wiedenbrück

Date printed 02.09.2014, Revision 02.09.2014


Version 02. Supersedes version: 01

Page 8 / 9

14.2 UN proper shipping name

Transport by land according to ADR/RID UN 1133 ADHESIVES 3 III
- Classification Code F1
- Label 
- ADR LQ 5 I
- ADR 1.1.3.6 (8.6) Transport category (tunnel restriction code) 3 (D/E)

Inland navigation (ADN) UN 1133 ADHESIVES 3 III
- Classification Code F1
- Label 

Marine transport in accordance with IMDG UN 1133 Adhesives 3 III
- EMS F-E, S-D
- Label 
- IMDG LQ 5 I

Air transport in accordance with IATA UN 1133 Adhesives 3 III
- Label 

14.3 Transport hazard class(es)

See SECTION 14.2 in accordance with UN shipping name

14.4 Packing group

See SECTION 14.2 in accordance with UN shipping name

14.5 Environmental hazards

See SECTION 14.2 in accordance with UN shipping name

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

not determined

SECTION 15: Regulatory information

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

EEC-REGULATIONS 1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC
TRANSPORT-REGULATIONS DOT-Classification, ADR (2013); IMDG-Code (2013, 36. Amdt.); IATA-DGR (2013).
NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011). CHIP 3/ CHIP 4
- **Observe employment restrictions for people** Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- **VOC (1999/13/CE)** 50 - <100%

15.2 Chemical safety assessment

not applicable

WESTAG & GETALIT AG
33378 Rheda-Wiedenbrück

Date printed 02.09.2014, Revision 02.09.2014

Version 02. Supersedes version: 01

Page 9 / 9

SECTION 16: Other information

16.1 R-phrases (SECTION 3)

R 11: Highly flammable.
R 37/38: Irritating to respiratory system and skin.
R 43: May cause sensitisation by skin contact.
R 28: Very toxic if swallowed.
R 36: Irritating to eyes.
R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16.2 Hazard statements (SECTION 3)

H412 Harmful to aquatic life with long lasting effects.
H319 Causes serious eye irritation.
H300 Fatal if swallowed.
H335 May cause respiratory irritation.
H317 May cause an allergic skin reaction.
H315 Causes skin irritation.
H225 Highly flammable liquid and vapour.

16.3 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.4 Other information

Classification procedure

Flam. Liq. 2: H225 Highly flammable liquid and vapour. (On basis of test data)
Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)
Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)
STOT SE 3: H335 May cause respiratory irritation. (Calculation method)

Modified position

none



Copyright: Chemiebüro®

