



SECTION 1: Designation of the substance and/or mixture and the company

1.1. Product identifier

GLUE STICK yellow 2 607 001 176

Other trade names

Bosch:
2 607 001 176

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

Application of the substance/mixture

Construction adhesive

1.3. Details of the supplier of the safety data sheet

Company name: Robert Bosch Power Tools GmbH
PT/EEI

Location: 70538 Stuttgart / GERMANY

Website: www.bosch-pt.com

Responsible for the safety data sheet: sds@gbk-ingelheim.de

1.4. Emergency number: INTERNATIONAL: +49 (0) 6132 84463, GBK GmbH (24h - 7d/w - 365d/y)

SECTION 2: Possible hazards

2.1. Classification of the substance or mixture

Classification as per Regulation (EC) No. 1272/2008 [CLP]

The mixture is not classified as hazardous within the meaning of Regulation (EC) No. 1272/2008.

2.2. Labelling elements

Information on labelling

The product is not subject to labelling requirements according to EC directives/the relevant national legislation.

2.3. Other hazards

None known.

SECTION 3: Composition/information on components

3.2. Mixtures

Chemical characterisation

Hazardous components CAS no. EC number REACH reg. no.	Concentration	Classification	Specific concentration limits (SCL), M-factors and ATE values	Additional information
Vinyl acetate 108-05-4 203-545-4 01-2119471301-50	0.1- < 1 %	Flam. Liq. 2, H225 Acute Tox. 4, inhalation, H332 Carc. 2, H351 STOT SE 3, H335	inhalation:ATE = 11.27 mg/l;vapour	EU OEL

For substances without a classification, there may be country-specific occupational exposure limits.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove soiled or soaked clothing immediately.

If person feels unwell, seek medical advice.



After inhalation

After inhalation of vapours or decomposition products in the event of an accident, take the person into fresh air.

In the event of symptoms, seek medical treatment.

After skin contact

If contact with the hot melt occurs, cool with water and consult a doctor.

After eye contact

If contact with the hot melt occurs, cool with water and consult a doctor.

After swallowing

Rinse out the person's mouth with plenty of water.

Do not induce vomiting.

Consult a doctor.

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

None known.

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, carbon dioxide (CO₂), dry chemical extinguishing media.

Adapt extinguishing measures to surrounding fire.

Unsuitable extinguishing media

High-volume water jet.

5.2. Special hazards arising from the substance or mixture

Fire may produce:

Irritant/corrosive, flammable and toxic low temperature carbonisation gases.

5.3. Fire-fighting information

Use self-contained breathing apparatus.

Protective clothing.

Additional Information

Cool the endangered receptacle with water spray.

Fire debris and contaminated fire fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

Ensure adequate ventilation.

Wear personal protective equipment

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and materials for containment and clean up

Leave to solidify.

Pick up mechanically and keep in suitable containers for disposal.

6.4. Reference to other sections

Refer to protective measures (see sections 7 and 8).

For information about disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Protective measures for safe handling

Hygiene measures:

Wash hands before breaks and after work.

Do not eat, drink or smoke during work.

Information on fire and explosion protection

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibles

Requirements for storerooms and containers

Keep container tightly closed in a dry, cool and well-ventilated place.

Storeroom temperature between 5 °C/40 °F and 30 °C/85 °F.

Additional information about storage conditions

Keep away from foodstuffs, beverages and feed.

EC Safety Data Sheet according to Regulation (EC) No 1907/2006

Robert Bosch Power Tools GmbH

Revised: 6th June 2023

Revision no.: 1.3



BOSCH

GLUE STICK yellow 2 607 001 176

00635-0038

7.3. Specific end uses

Construction adhesive



SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional information about limits

Occupational exposure limits

Valid for Germany:

Component [regulated substance group]	ppm	mg/m3	Value type	Short-term value category/comment	Legislation
Vinyl acetate 108-05-4 [VINYL ACETATE]	5	17.6	Daily mean value	Indicative	ECTLV
Vinyl acetate 108-05-4 [VINYL ACETATE]	10	35,2	Short-term value	Indicative	ECTLV
Vinyl acetate 108-05-4 [VINYL ACETATE]			Category for short-term values	Category I: Substances for which the localised effect has an assigned OEL or for substances with a sensitising effect in respiratory passages.	TRGS (German Technical Rules for Hazardous Substances) 900
Vinyl acetate 108-05-4 [Vinyl acetate]	10	36	OEL:	2 There is no reason to fear a risk of damage to the developing embryo or foetus when OEL and biological limit values are adhered to (see number 2.7).	TRGS (German Technical Rules for Hazardous Substances) 900
Vinyl acetate 108-05-4 [Vinyl acetate]			Skin designation:	Skin resorptive effect	TRGS (German Technical Rules for Hazardous Substances) 900

Predicted no-effect concentration (PNEC):

Name from list	Environmental compartment	Exposure time	Value				Comment
			Mg/l	Ppm	Mg/kg	Other	
Vinyl acetate 108-05-4	Freshwater		0.016 mg/l				
Vinyl acetate 108-05-4	Salt water		0.002 mg/l				
Vinyl acetate 108-05-4	Water (temporary release)		0.126 mg/l				
Vinyl acetate 108-05-4	Sediment (freshwater)		0.067 mg/kg				
Vinyl acetate 108-05-4	Sediment (salt water)		0.007 mg/kg				
Vinyl acetate 108-05-4	Soil		0.004 mg/kg				
Vinyl acetate 108-05-4	Sewage treatment plant		6 mg/l				
Vinyl acetate 108-05-4	Air						no identified risk
Vinyl acetate 108-05-4	Predator						no identified risk

Derived no-effect level (DNEL):

Name from list	Application area	Route of exposure	Effect on health	Duration of exposure	Value	Remarks
Vinyl acetate 108-05-4	Employee	Inhalation	Acute/short-term exposure – systemic effects		35.2 mg/m ³	no identified risk
Vinyl acetate 108-05-4	Employee	Inhalation	Acute/short-term exposure – local effects		35.2 mg/m ³	no identified risk
Vinyl acetate 108-05-4	Employee	Dermal	Long-term exposure – systemic effects		0.42 mg/kg	no identified risk
Vinyl acetate 108-05-4	Employee	Inhalation	Long-term exposure – systemic effects		17.6 mg/m ³	no identified risk
Vinyl acetate 108-05-4	Employee	Inhalation	Long-term exposure – local effects		17.6 mg/m ³	no identified risk

Biological limit value (BLV):

none

8.2. Exposure controls

Appropriate engineering measures

Ensure adequate ventilation, particularly in enclosed spaces.

Protective and hygiene measures

Wash hands before breaks and at the end of work.

Do not eat, drink or smoke during use.

Avoid contact with skin, eyes and clothing.

Wash contaminated clothing before reuse.

Eye/face protection

Wear safety goggles with side protection (EN 166).

Hand protection

When handling the hot melt, wear heat-resistant protective gloves (EN 407)

Body protection

Protective clothing should conform to EN 14605 for liquid splashes or EN 13982 for dusts.

Breathing protection

In the event of dust formation, it is recommended to wear suitable respiratory protection with particle filter P (EN 14387).

This recommendation must be adapted to the local conditions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Delivery form	Cartridges
Colour	Light brown
Odour	Hard resin
Melting point	85–93 °C (185–199.4 °F)
Solidification temperature	Not applicable, the product is a solid
Initial boiling point	Not applicable, polymeric solid, thermal decomposition above 250 °C
Flammability	The product is not flammable
Explosion limits	Not applicable, the product is a solid
Flash point	No method, no flash point up to 200 °C.
Autoignition temperature	Not applicable, the product is a solid
Decomposition temperature	Not applicable, substance/mixture is not self-reactive, no organic peroxide and does not decompose under the intended conditions of use



pH value	Not applicable, the product is insoluble in water
Viscosity (kinematic)	Not applicable, the product is a solid
Dynamic viscosity (Brookfield; device: RVT; 160 °C (320 °F); Rot.freq.: 5 min-1; spindle no.: 27; Conc.: 100 % product)	12,500–30,000 mPa.S TE1002-208; Brookefield viscosity
Qualitative solubility (20 °C (68 °F); solvent: Water)	Insoluble
Partition coefficient: n-octanol/water	Not applicable Mixture
Vapour pressure (20 °C (68 °F))	< 0.1 hPa
Density: (20 °C (68 °F))	0.95–1.05 g/cm3 No method
Relative vapour density	Not applicable, the product is a solid
Particle properties	Not applicable, the product is not a powder

9.2. Miscellaneous

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and used as intended.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

None known if used as intended



10.5. Incompatible materials

No substances to be mentioned.

10.6. Hazardous decomposition products

No decomposition if used as intended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

Toxicological data not available.

Acute oral toxicity

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Value type	Value	Species	Method
Vinyl acetate 108-05-4	LD50	3500 mg/kg	Rat	Not specified

Acute dermal toxicity

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Value type	Value	Species	Method
Vinyl acetate 108-05-4	LD50	7440 mg/kg	Rabbit	Not specified

Acute toxicity – inhalation

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Value type	Value	Test atmosphere	Duration of exposure	Species	Method
Vinyl acetate 108-05-4	Acute toxicity estimate (ATE)	11.27 mg/l	Steam		Steam	Expert evaluation
Vinyl acetate 108-05-4	LC50	4490 ppm	Steam	4 h	Rat	Not specified

Corrosive/irritant effect on skin

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Value type	Value	Species	Method
Vinyl acetate 108-05-4	Non-irritant	4 h	Rabbit	OECD Guideline 404 (Acute Dermal Irritation/Corrosion)

Severe eye damage/irritation

The mixture is classified using the calculation method based on the classified components contained in the mixture.



Hazardous components CAS no.	Result	Duration of exposure	Species	Method
Vinyl acetate 108-05-4	Non-irritant		Rabbit	OECD Guideline 405 (Acute Dermal Irritation/Corrosion)

Sensitisation of airways/skin

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Result	Assay type	Species	Method
Vinyl acetate 108-05-4	Non-sensitive	Local mouse lymph node mapping	Mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Germ cell mutagenicity

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Result	Study type/administration route	Metabolic activation/exposure time	Species	Method
Vinyl acetate 108-05-4	negative	Bacterial reverse mutation assay (e.g. Ames test)	With and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Vinyl acetate 108-05-4	Questionable	Intraperitoneal		Mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Carcinogenicity

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Result	Uptake route	Duration of exposure/frequency of treatment	Species	Gender	Method
Vinyl acetate 108-05-4	Carcinogenic	Local mouse lymph node mapping	104 w 6 h/d, 5 d/w	Rat	Male/female	OECD Guideline 453 (Combined Chronic Toxicity/Carcinogenicity Studies)

Reproduction toxicity

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Result/value	Assay type	Uptake route	Species	Method
Vinyl acetate 108-05-4	NOAEL P 1000 ppm	Oral: Potable water	Rat	OECD Guideline 416 (Two-	Vinyl acetate 108-05-4



				Generation Reproduction Toxicity Study)	
--	--	--	--	-----------------------------------------------	--

Specific target organ toxicity – single exposure:

No data available

Specific target organ toxicity – repeated exposure:

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Result/value	Uptake route	Duration of exposure/frequency of uses	Species	Method
Vinyl acetate 108-05-4	NOAEL 5000 ppm	Oral: Potable water	3 m daily	Rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Aspiration hazard:

No data available.

Practical findings

Other observations

In the case of proper handling and in compliance with the generally applicable hygiene regulations, no health problems have been reported.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity (fish)

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Value type	Value	Duration of exposure	Species	Method
Vinyl acetate 108-05-4	LC50	26 mg/l	48 h	Leuciscus idus melanotus	OECD Guideline 203 (Fish, Acute Toxicity Test)
Vinyl acetate 108-05-4	NOEC	0.551 mg/l	34 d	Pimephales promelas	OECD 210 (fish early lite stage toxicity test)

Toxicity (daphnia)

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Value type	Value	Duration of exposure	Species	Method
Vinyl acetate 108-05-4	EC50	12.6 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation)



					Test)
--	--	--	--	--	-------

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (algae)

The mixture is classified using the calculation method based on the classified components contained in the mixture.

Hazardous components CAS no.	Value type	Value	Duration of exposure	Species	Method
Vinyl acetate 108-05-4	NOEC	5.96 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Vinyl acetate 108-05-4	EC50	12.7 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

12.2 Persistence and degradability

Hazardous components CAS no.	Value type	Value	Duration of exposure	Species	Method
Vinyl acetate 108-05-4	Readily biodegradable	Aerob	82–98 %	14 d	OECD Guideline 301 C (Ready Biodegradability: Modified)

12.3. Bioaccumulation potential

No data available.

12.4. Mobility in soil

Hazardous components CAS no.	LogPow	Temperature	Method
Vinyl acetate 108-05-4	0.73	25 °C	Additional guidelines:

12.5. Results of PBT and vPvB assessment

As per Regulation (EC) No. 1907/2006 [REACH], this product does not contain any PBT/vPvB substances.

12.6. Other harmful effects

No data available.

Additional notes

Do not flush into surface water or sanitary sewer system.

SECTION 13. Information on disposal

13.1. Waste treatment methods

Recommendation

Can be burned in compliance with local regulations.

Recycling is the preferred means of disposal.



Product waste code

080410 Waste from the production, preparation, distribution and application of coatings (paints, varnishes, enamel), adhesives, sealants and printing ink, waste from the production preparation, distribution and application of adhesives and sealants (including waterproofing products); adhesive and sealant waste other than those mentioned in 08 04 09

Disposal of uncleaned packaging and recommended cleaning products

Take empty containers to local recycling, recovery or waste disposal facilities.

Contaminated packaging is to be emptied optimally; it can then be recycled after appropriate cleaning.

Contaminated packaging must be disposed of using the same method as for the substance.

SECTION 14: Transport information

Land transport (ADR/RID); sea transport (IMDG); air transport (ICAO-TI/IATA-DGR); inland waterway transport

14.1. UN number:

Not a hazardous substance according to transport regulations.

14.2 UN proper shipping name:

Not a hazardous substance according to transport regulations.

14.3. Transport hazard classes:

Not a hazardous substance according to transport regulations.

14.4. Packing group:

Not a hazardous substance according to transport regulations.

14.5. Environmental hazards

Not a hazardous substance according to transport regulations.

14.6. Special precautions for user

Not a hazardous substance according to transport regulations.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not a hazardous substance according to transport regulations.

SECTION 15: Regulatory information

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

EU legislation

EC 649/2012 Not applicable

REACH-SVHC for approval Art. 59 Not applicable

National regulations

German Hazardous Incident Ordinance: Catalogue no. Not subject to Ordinance.

acc. to StörfallVO: Quantity thresholds: Technische Anleitung Luft I (German Does not fall under TA-Luft

Technical Instructions on Air Quality Control I): Part: 1 – low hazard to waters

Water hazard class: Status: Mixing rule according to the German Administrative Regulation on the Classification of Substances Hazardous to Waters (VwVwS) Annex 4, No. 3

15.2. German Chemical Safety Assessment

No Chemical Safety Assessment was carried out for this substance.

SECTION 16: Miscellaneous

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

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships



IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

H225 Highly flammable liquid and vapour.

H332 Harmful if inhaled.

H335 Can irritate the respiratory system.

H351 Suspected of causing cancer.

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Additional information

Some of the information in headings 4 to 8 and 10 to 12 does not relate to the use and proper application of the product (see usage/specialist information) but relates to the release of large quantities in the event of accidents and irregularities.

The information solely describes the safety requirements of the product(s) and is based on the present state of knowledge.

The delivery specification can be found in the relevant product data sheets.

They do not constitute a guarantee of the properties of the described product(s) within the meaning of the statutory warranty regulations.

(n.a. - not applicable, n.b. - not determined)

(The data for the hazardous components was taken respectively from the latest version of the sub-contractor's safety data sheet.)