

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

PRIMER PANELTACK 500 ML
30022111 (30022111)

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

Relevant identified uses

Solvent borne primer - for the professional user

Product Categories [PC]

PC1 - Adhesives, sealants

Uses advised against

The product is NOT intended for private use.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Bostik GmbH

Street :

An der Bundesstraße 16

Postal code/city :

33829 Borgholzhausen

Telephone :

+49 (0) 5425-801-0

Telefax :

+49 (0) 5425-801-140

Information contact :

msds.germany@bostik.com

1.4 Emergency telephone number

out of office hours: +49 (0) 5425 / 951-220

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Aquatic Chronic 2 ; H411 - Hazardous to the aquatic environment : Category 2 ; Toxic to aquatic life with long lasting effects.

Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

Flam. Liq. 2 ; H225 - Flammable liquids : Category 2 ; Highly flammable liquid and vapour.

Repr. 2 ; H361d - Reproductive toxicity : Category 2 ; Suspected of damaging the unborn child.

STOT SE 3 ; H336 - STOT-single exposure : Category 3 ; May cause drowsiness or dizziness.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Flame (GHS02) · Health hazard (GHS08) · Corrosion (GHS05) · Environment (GHS09) · Exclamation mark (GHS07)

Signal word

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

Danger

Hazard components for labelling

ALKANES, C7-9-ISO- ; CAS No. : 90622-56-3
TITANIUM TETRABUTANOLATE ; CAS No. : 5593-70-4
TOLUENE ; CAS No. : 108-88-3

Hazard statements

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H361d Suspected of damaging the unborn child.
H318 Causes serious eye damage.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

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.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing and eye/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

2.3 Other hazards

Adverse physicochemical effects

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

ALKANES, C7-9-ISO- ; REACH registration No. : 01-2119471305-42 ; EC No. : 292-458-5 ; CAS No. : 90622-56-3

Weight fraction : $\geq 50 - < 100$ %

Classification 1272/2008 [CLP]: Flam. Liq. 2 ; H225 Asp. Tox. 1 ; H304 Skin Irrit. 2 ; H315 STOT SE 3 ; H336 Aquatic Chronic 2 ; H411

TITANIUM TETRABUTANOLATE ; REACH registration No. : 01-2119967423-33 ; EC No. : 227-006-8 ; CAS No. : 5593-70-4

Weight fraction : $\geq 5 - < 10$ %

Classification 1272/2008 [CLP]: Flam. Liq. 3 ; H226 Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 STOT SE 3 ; H335 STOT SE 3 ; H336

TOLUENE ; REACH registration No. : 01-2119471310-51 ; EC No. : 203-625-9 ; CAS No. : 108-88-3

Weight fraction : $\geq 3 - < 5$ %

Classification 1272/2008 [CLP]: Flam. Liq. 2 ; H225 Asp. Tox. 1 ; H304 Repr. 2 ; H361d STOT RE 2 ; H373 Skin Irrit. 2 ; H315 STOT SE 3 ; H336

ETHYL SILICATE ; REACH registration No. : 01-2119496195-28 ; EC No. : 201-083-8 ; CAS No. : 78-10-4

Weight fraction : $\geq 1 - < 3$ %

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

Classification 1272/2008 [CLP]: Flam. Liq. 3 ; H226 Acute Tox. 4 ; H332 Eye Irrit. 2 ; H319 STOT SE 3 ; H335

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

If medical advice is needed, have product container, label or safety data sheet at hand.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. Consult a physician in case of symptoms.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂) Extinguishing powder Water spray alcohol resistant foam

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

May form explosive vapour-air mixtures.

Hazardous combustion products

Carbon monoxide. Carbon dioxide (CO₂)

5.3 Advice for firefighters

Do not allow run-off from fire-fighting to enter drains or water courses.

Special protective equipment for firefighters

Use suitable breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources on account of the organic solvent content and air room well. Do not inhale vapours. Use personal protection equipment.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

Other information

May form explosive vapour-air mixtures. Provide adequate ventilation.

6.4 Reference to other sections

See chapter 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Use only in well-ventilated areas.

Measures to prevent fire

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

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

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

Hints on joint storage

Storage class (TRGS 510) : 3

Do not store together with

Food and feedingstuffs

7.3 Specific end use(s)

Solvent borne primer - for the professional user - Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

TOLUENE ; CAS No. : 108-88-3

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 50 ppm / 190 mg/m³

Peak limitation : 4(II)

Remark : H, Y

Version : 01.02.2000

ETHYL SILICATE ; CAS No. : 78-10-4

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 1,4 ppm / 12 mg/m³

Peak limitation : 1(I)

Version : 01.02.2000

ETHANOL (AS CLEAVAGE PRODUCT) ; CAS No. : 64-17-5

Limit value type (country of origin) : TRGS 900 (D)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

Limit value : 500 ppm / 960 mg/m³
Peak limitation : 2 (II)
Remark : Y
Version : 01.01.2006

BUTAN-1-OL (AS CLEAVAGE PRODUCT) ; CAS No. : 71-36-3

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 100 ppm / 310 mg/m³
Peak limitation : 1(I)
Remark : Y
Version : 01.06.2008

Biological limit values

TOLUENE ; CAS No. : 108-88-3

Limit value type (country of origin) : TRGS 903 (D)
Parameter : Toluene / Whole blood (B) / End of exposure or end of shift
Limit value : 600 µg/l
Version : 01.08.1999

Limit value type (country of origin) : TRGS 903 (D)
Parameter : o-Cresol / Urine (U) / End of exposure or end of shift ; At long term exposure: after several previous shifts
Limit value : 1,5 mg/l
Version : 01.08.1999

BUTAN-1-OL (AS CLEAVAGE PRODUCT) ; CAS No. : 71-36-3

Limit value type (country of origin) : TRGS 903 (D)
Parameter : 1-Butanol / Urine (U) / Before next shift
Limit value : 2 mg/g Kr
Version : 31.03.2004

Limit value type (country of origin) : TRGS 903 (D)
Parameter : 1-Butanol / Urine (U) / End of exposure or end of shift
Limit value : 10 mg/g Kr
Version : 31.03.2004

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Eye glasses with side protection - DIN EN 166

Skin protection

Hand protection

Wear suitable gloves. - DIN EN 374

Suitable material (and thickness) : CR (polychloroprene, chloroprene rubber - 0,75 mm) - NBR (Nitrile rubber - 0,85 mm) - FKM (fluoro rubber - 0,65 mm) - PVA (Polyvinyl alcohol - 1,1 mm) - special laminates (0,75 mm) -

Breakthrough time (maximum wearing time) : The permeation time (max. usage time) of the gloves depends on material and thickness as well as temperature. The data are available from the manufacturer of the specific gloves.

Because it is a complex mixture of polar and unpolar solvents all mentioned materials for gloves have medium to short permeation time for specific components (i.e. permeation index 2 to 4 according to 30 to 120 minutes). Most suitable are gloves made from laminates with multi layers.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

Recommended glove articles : Appropriate gloves are available e.g. from Mapa-Professional (F-92205 Neuilly sur Seine - France): STANZOIL ® (CR - 0,85 mm) - ULTRIL ® 377 (NBR - 1,3 mm) - COBRA ® (FKM - 0,65 mm) - CHEM-PLY ® (0,75 mm) -

Remark : Disposable gloves are suitable as protection against spray or splashes, only.

Respiratory protection

Breathing protection equipment required in inadequately ventilated places and during spraying.

Suitable respiratory protection apparatus

For short term use: Combination filtering device (EN 14387) combination filter - type A-P2 (for gases and vapours of organic compounds, boiling point above 65 °C / particles, colour code: brown / white)

General health and safety measures

The usual precautionary measures for the handling of chemicals have to be observed. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Remove contaminated, saturated clothing immediately. Avoid contact with skin, eyes and clothes.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

Colour : light yellow

Odour

Like solvent.

Odour threshold

No data available

Safety relevant basis data

Melting point/melting range :		not applicable	
Initial boiling point and boiling range :		116 - 142 °C	
Flash point :		9 °C	C,C,
Ignition temperature :		420 °C	
Lower explosion limit :	ca.	0,9 Vol-%	
Upper explosion limit :	ca.	7 Vol-%	
Density :	(20 °C)	ca.	0,8 g/cm ³
Water solubility :	(20 °C)		insoluble
Maximum VOC content (EC) :	ca.	82 - 83	Wt %

9.2 Other information

May form flammable/explosive vapour-air mixture.

SECTION 10: Stability and reactivity

10.1 Reactivity

Product is under normal conditions not reactive.

10.2 Chemical stability

Product is stable under normal conditions.

10.3 Possibility of hazardous reactions

May form explosive vapour-air mixtures.

10.4 Conditions to avoid

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

Only use the material in places where open light, fire and other flammable sources can be kept away.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No dangerous decomposition products during appropriate storage and handling.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Assessment/classification

Health hazards

Acute toxicity (oral) : No - Based on available data, the classification criteria are not met.

Acute toxicity (dermal) : No - Based on available data, the classification criteria are not met.

Acute toxicity (inhalation) : No - Based on available data, the classification criteria are not met.

Skin Corrosion / Irritation : Category 2 - Causes skin irritation.

Serious eye damage / eye irritation : Category 1 - Causes serious eye damage.

Specific target organ toxicity (single exposure) : No - Based on available data, the classification criteria are not met.

Specific target organ toxicity (Respiratory tract irritation) : No - Based on available data, the classification criteria are not met.

Specific target organ toxicity (Narcosis) : Category 3 - May cause drowsiness or dizziness.

Aspiration hazard : Category 1 - May be fatal if swallowed and enters airways.

Sensitisation (Respiratory) : No - Based on available data, the classification criteria are not met.

Sensitisation (Skin) : No - Based on available data, the classification criteria are not met.

Germ cell mutagenicity : No - Based on available data, the classification criteria are not met.

Carcinogenicity : No - Based on available data, the classification criteria are not met.

Reproductive toxicity : Category 2 - Suspected of damaging fertility or the unborn child.

Reproductive toxicity, Effects on or via lactation : No - Based on available data, the classification criteria are not met.

Specific target organ toxicity (Repeated exposure) : No - Based on available data, the classification criteria are not met.

Additional information

When used and handled according to specification, the product does not have any harmful effect according to our experience and knowledge.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

The mixture has been checked following the conventional method for eco-toxicological properties. If classified as eco-toxic see section 2 for details.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Contains no PBT / vBvP-substance.

12.6 Other adverse effects

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Uncured product: Special waste.

Cured product: household garbage or trade garbage - observe local regulations.

Waste codes/waste designations according to EWC/AVV

08 04 09*: Waste adhesives and sealants containing organic solvents or other dangerous substances.

Waste treatment options

Appropriate disposal / Package

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

13.2 Additional information

Please note: The classification of waste for this product may change according to the field of its application. Please observe Directive 2001/118/EC.

SECTION 14: Transport information

14.1 UN number

UN 1993

14.2 UN proper shipping name

Land transport (ADR/RID)

FLAMMABLE LIQUID, N.O.S. (ALKANES, C7-9-ISO- · TOLUENE)

Sea transport (IMDG)

FLAMMABLE LIQUID, N.O.S. (ALKANES, C7-9-ISO- · TOLUENE)

Air transport (ICAO-TI / IATA-DGR)

FLAMMABLE LIQUID, N.O.S. (ALKANES, C7-9-ISO- · TOLUENE)

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 3
Classification code : F1
Hazard identification number (Kemler No.) : 33
Tunnel restriction code : D/E
Special provisions : 640D · LQ 4 · LQ 11 · E 2
Hazard label(s) : 3 / N

Sea transport (IMDG)

Class(es) : 3
EmS-No. : F-E / ~~S-E~~
Special provisions : LQ 11 · E 2
Hazard label(s) : 3 / N

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3
Special provisions : E 2

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

Hazard label(s) : 3

14.4 Packing group

II

14.5 Environmental hazards

Land transport (ADR/RID) : Yes

Sea transport (IMDG) : Yes (P)

Air transport (ICAO-TI / IATA-DGR) : Yes

14.6 Special precautions for user

None

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

No information available.

SECTION 15: Regulatory information

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

National regulations

Observe in addition any national regulations!

Restrictions of occupation

Please consider possible restrictions of occupation after maternity protection guideline regulation or law for the protection of young workers.

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : 1 - 5 %

Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibition regulations

Betriebsicherheitsverordnung (BetrSichV)

No flammable liquid according to BetrSichV.

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 03. Hazardous ingredients · 14. Transport hazard class(es) - Land transport (ADR/RID)

16.2 Abbreviations and acronyms

BCF - Bioconcentration Factor
CMR - Carcinogenic-Mutagenic-toxic for Reproduction
DNEL - Derived No Effect Level
EWC - European Waste Catalogue
NOEC - No Observed Effect Concentration
NOEL - No Observed Effect Level
OEL - Occupational Exposure Limit
PBT - Persistent, Bioaccumulative, Toxic
PNEC - Predicted No Effect Concentration
STOT - Specific Target Organ Toxicity
SVHC - Substance of Very High Concern
vPvB - very Persistent, very Bioaccumulative

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : PRIMER PANELTACK 500 ML
30022111
Revision date : 09.11.2015
Print date : 03.03.2016

Version (Revision) : 15.0.0 (14.0.0)

16.3 Key literature references and sources for data

Regulations for prevention of accidents , safety rules and recommendations provided by professional associations.

Observe technical data sheet.

16.4 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
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.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

16.5 Training advice

When working with hazardous materials, regular training of operators is required by law.

16.6 Additional information

None

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.
