

1 Identification

Product identifier

Trade name: *Bituthene Adhesive Primer B2 LVC*

SDS ID Number: 60028

Relevant identified uses of the substance or mixture, and uses advised against
Specialty construction product. Not intended for other uses

Details of the supplier of the safety data sheet

Manufacturer/Supplier:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:

Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)
Email address: msds.gcp@gcpat.com

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

Flammable liquid and vapor.
Causes skin irritation.
May cause genetic defects.
May cause cancer.
Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system through prolonged or repeated exposure.

Label elements:

Hazard pictograms



GHS02 GHS07 GHS08

Danger

Hazard statements

Flammable liquid and vapor.
Causes skin irritation.
May cause genetic defects.
May cause cancer.
Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system through prolonged or repeated exposure.

Safety Data Sheet

Printing date 03/29/2017

Version Number 1.0

Reviewed on 03/29/2017

Trade name: *Bituthene Adhesive Primer B2 LVC*

(Cont. from page 1)

Precautionary statements

Wear protective gloves/protective clothing/eye protection/face protection.

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

Keep container tightly closed.

Take precautionary measures against static discharge.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF exposed or concerned: Get medical advice/attention.

If skin irritation occurs: Get medical advice/attention.

Store in a well-ventilated place. Keep cool.

Hazard description: Flammable**NFPA ratings (scale 0 - 4)**

Health = 2

Fire = 3

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *3

Flammability = 3

Reactivity = 0

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**3 Composition/information on ingredients****Chemical characterization: Mixture****Description:** Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.**Hazardous components:**

68478-07-9	Hydrocarbon Resin	30-50%
95-47-6	Xylene (o)	10-20%
8052-41-3	Stoddard solvent	2.0-5.0%
63449-39-8	Paraffin waxes and hydrocarbon waxes	1.0-2.0%
8052-42-4	Asphalt	1.0-2.0%
100-41-4	Ethylbenzene	0.1-1.0%

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.**4 First-aid measures****Description of first aid measures****General information:** Get medical advice/attention if you feel unwell.**After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact: Rinse cautiously with water for several minutes.

(Cont. on page 3)

USGHS

Trade name: *Bituthene Adhesive Primer B2 LVC*

(Cont. from page 2)

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

Extinguishing media

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

Special hazards arising from the substance or mixture No further relevant information available.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

Dispose contaminated material as waste according to section 13 of the SDS.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:**Precautions for safe handling**

Prevent formation of aerosols.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

Avoid contact with skin.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

(Cont. on page 4)

Safety Data Sheet

Printing date 03/29/2017

Version Number 1.0

Reviewed on 03/29/2017

Trade name: *Bituthene Adhesive Primer B2 LVC*

(Cont. from page 3)

Empty containers may retain hazardous residue, both liquid and vapor.

Conditions for safe storage, including any incompatibilities**Storage:****Information about storage in one common storage facility:** Use only in explosion protected area.**Further information about storage conditions:** Keep receptacle tightly sealed.**Specific end use(s)** No further relevant information available.**8 Exposure controls/personal protection****Additional information about design of technical systems:** No further data; see item 7.**Control parameters****Components with limit values that require monitoring at the workplace:****95-47-6 Xylene (o)**

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

8052-41-3 Stoddard solvent

PEL (USA)	Long-term value: 2900 mg/m ³ , 500 ppm
REL (USA)	Long-term value: 350 mg/m ³ Ceiling limit value: 1800* mg/m ³ *15-min
TLV (USA)	Long-term value: 525 mg/m ³ , 100 ppm

8052-42-4 Asphalt

REL (USA)	Ceiling limit value: 5* mg/m ³ *15-min; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.5* mg/m ³ *inh. fraction; as benzene-soluble aerosol; BEIp

Ingredients with biological limit values:**95-47-6 Xylene (o)**

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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8052-42-4 Asphalt

BEI (USA)	- Medium: urine Time: end of shift at end of workweek Parameter: 1-Hydroxypyrene with hydrolysis (nonquantitative)
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Additional information: The lists that were valid during the creation were used as basis.**Exposure controls****Personal protective equipment:****General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.**Breathing equipment:**

(Cont. on page 5)

USGHS

Safety Data Sheet

Printing date 03/29/2017

Version Number 1.0

Reviewed on 03/29/2017

Trade name: Bituthene Adhesive Primer B2 LVC

(Cont. from page 4)

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

A chemical cartridge respirator with organic vapor cartridge is required if occupational exposure limits are exceeded. A dust/mist cartridge or prefilter may be needed in addition to control exposure to mist. Supplied air respirator (SCBA) is required at exposure levels above the capabilities of a chemical cartridge respirator.

Protection of hands: Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Eye protection:

Safety glasses with side shield protection.

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.



A face shield should also be worn if there is potential exposure to splash or spray.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Liquid
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined.

pH-value (-): Not determined.

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	161 °C (322 °F)
Flash point:	27 °C (81 °F)

Flammability (solid, gaseous): Not applicable.

Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapor-air mixture.

Explosion limits:

Lower:	1.7 Vol %
Upper:	7.6 Vol %
VOC Content (max):	Not determined.

Vapor pressure at 20 °C (68 °F):	7 hPa (5 mm Hg)
Density: (~) at 20 °C (68 °F)	1 g/cm ³ (8.345 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.

(Cont. on page 6)

USGHS

Safety Data Sheet

Printing date 03/29/2017

Version Number 1.0

Reviewed on 03/29/2017

Trade name: *Bituthene Adhesive Primer B2 LVC*

(Cont. from page 5)

Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Molecular weight	Not applicable.
Other information	No further relevant information available.

10 Stability and reactivity**Reactivity** Stable under normal conditions.**Chemical stability****Thermal decomposition:** No decomposition if used according to specifications.**Possibility of hazardous reactions** No further relevant information available.**Conditions to avoid** No further relevant information available.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:**

Carbon monoxide and carbon dioxide

Other potentially hazardous products may also be formed.

Additional information: See section 7 for information on handling, storage and conditions to be avoided.**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****100-41-4 Ethylbenzene**

Dermal	LD50	3500 mg/kg (rat)
	LD50	17800 mg/kg (rabbit)

Primary irritant effect:**on the skin:** Causes skin irritation.**on the eye:** No irritating effect expected**inhalation:** No irritating effect expected**Additional toxicological information:**

The product can cause inheritable damage.

Over exposure by inhalation or ingestion may be fatal. Chemicals contained in this product can affect the skin, heart, brain, liver, kidneys, lungs and spleen. Some harmful effects are also possible through skin absorption.

Carcinogenic categories**IARC (International Agency for Research on Cancer) Human Carcinogenicity:**
Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

95-47-6	Xylene (o)	3
8052-42-4	Asphalt	2B
100-41-4	Ethylbenzene	2B

(Cont. on page 7)

USGHS

Safety Data Sheet

Printing date 03/29/2017

Version Number 1.0

Reviewed on 03/29/2017

Trade name: *Bituthene Adhesive Primer B2 LVC*

(Cont. from page 6)

NTP (National Toxicology Program)**K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic**

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information**Toxicity****Aquatic toxicity:** No further relevant information available.**Persistence and degradability** No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.**13 Disposal considerations****Disposal methods:**

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:**Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.**14 Transport information****UN-Number**

DOT, IMDG, IATA UN3295

UN proper shipping name

DOT, IMDG, IATA Hydrocarbons, liquid, n.o.s. (Xylene, Stoddard Solvent)

(Cont. on page 8)

USGHS

Safety Data Sheet

Printing date 03/29/2017

Version Number 1.0

Reviewed on 03/29/2017

Trade name: *Bituthene Adhesive Primer B2 LVC*

(Cont. from page 7)

Transport hazard class(es)

DOT



Class 3 Flammable liquids
Label 3

IMDG, IATA

Class 3 Flammable liquids
Label 3

Packing group
DOT, IMDG, IATA

III

Environmental hazards:**Marine pollutant:** No**Special precautions for user** Warning: Flammable liquids**Danger code (Kemler):** 30**EMS Number:** F-E,S-D**Transport/Additional information:****IMDG****Limited quantities (LQ)** 5L**Excepted quantities (EQ)** Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation": UN3295, Hydrocarbons, liquid, n.o.s., 3, III**15 Regulatory information****SARA (Superfund Amendments and Reauthorization Act)****Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

95-47-6 Xylene (o)	14.5%
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SARA Section 312/Tier I & II Hazard Categories:

Physical Hazard - Flammable (gases, aerosols, liquids, or solids)

Health Hazard - Carcinogenicity

Health Hazard - Skin Corrosion or Irritation

Health Hazard - Specific target organ toxicity (single or repeated exposure)

Health Hazard - Germ cell mutagenicity

North America Chemical Inventory Status**TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

(Cont. on page 9)

USGHS

Safety Data Sheet

Printing date 03/29/2017

Version Number 1.0

Reviewed on 03/29/2017

Trade name: *Bituthene Adhesive Primer B2 LVC*

(Cont. from page 8)

Right to Know Ingredient Disclosure:

616-38-6 | dimethyl carbonate

California Proposition 65**Chemicals known to cause cancer:**

Ethylbenzene

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenicity Categories**EPA (Environmental Protection Agency)**

95-47-6 | Xylene (o) | I

100-41-4 | Ethylbenzene | D

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)**Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**

Xylene (o) | A4

Asphalt | A4

NIOSH-Cancer (National Institute for Occupational Safety and Health)

8052-42-4 | Asphalt

Volatile Organic Compounds (VOC) reported per the Emission Standards. 192 grams/liter**16 Other information**

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:

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