

Safety data sheet

according to 1907/2006/EC, Article 31, amended by Regulation (EU)
No. 453/2010

Printing date 18.03.2015

Version number 4

Revision: 18.03.2015

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

1.1 Product identifier

Trade name: Activator for Rubber Surface Buspal E Spray

Article number: 503010

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Application of the substance / the mixture

Rubber surfaces that will receive repairs or any process involving adhesion or curing

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Vipal Europe SL

c/General Urrutia 75 – 10-B

46013 Valencia

Tel.: + 0034 963 259510

Fax: + 34 96 3281683

Further information obtainable from: vipaleurope@vipal-eu.com

1.4 Emergency telephone number: +34 963 259510

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Self-heat. 1 H251 Self-heating: may catch fire.



GHS08 health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.



GHS09 environment

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

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· **Hazard pictograms**



· **Signal word** Danger

· **Hazard-determining components of labelling:**

Naphtha (petroleum), sweetened

· **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H251 Self-heating: may catch fire.

H315 Causes skin irritation.

H361 Suspected of damaging fertility or the unborn child.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H410 Very toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P401 Store in accordance with local/regional/national/international regulations.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· **Description:** Naphtha-based solvent with propellant butane and propane.

· **Dangerous components:**

CAS: 64741-46-4 EINECS: 265-046-8	Naphtha (petroleum), light straight-run ⚠️ Carc. 1B, H350; Asp. Tox. 1, H304	50-100%
CAS: 106-97-8 EINECS: 203-448-7	butane ⚠️ Flam. Gas 1, H220 Press. Gas C, H280	10-<25%
CAS: 74-98-6 EINECS: 200-827-9	propane ⚠️ Flam. Gas 1, H220 Press. Gas C, H280	3-<10%

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· **Additional information:**

Note P: It is not necessary to classify the substance as cancerigenous, as it contains less than 0.1% m/m of benzene

SECTION 4: First aid measures

· **Protection of the First Aid Provider:** Use impermeable clothing, nitrile gloves and closed shoes.

· **4.1 Description of first aid measures**

· **After inhalation:**

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

· **After skin contact:**

Remove the contaminated clothing and footwear. Wash the exposed skin with copious amounts of water, for at least 15 minutes and seek medical attention if necessary.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

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

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

If necessary, symptomatic treatment should include, above all, support measures to correction of hydro electrolytic and metabolic disturbances, and respiratory assistance.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:** Water mist, chemical powder, foam for hydrocarbon and carbon dioxide.

· **For safety reasons unsuitable extinguishing agents:** water on the flames

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

During heating or in case of fire poisonous gases are produced.

Avoid exposure to excessive heat or ignition sources.

· **5.3 Advice for firefighters**

· **Protective equipment:**

Use self contained breathing apparatus (SCBA)

Use full protective clothing.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Put the absorbed material into appropriate containers and remove them to a safe place.

Use water mist or vapor suppressive foam to reduce vapor dispensation.

· **6.3 Methods and material for containment and cleaning up:**

Absorb liquid components with liquid-binding material.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Avoid the formation of vapors or mists.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

Store in a cool location.
Prevent any seepage into the ground.

· Information about storage in one common storage facility: Store away from foodstuffs.

· Further information about storage conditions:

Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

· 7.3 Specific end use(s) Rubber surfaces that will receive repairs or any process involving adhesion or curing

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

106-97-8 butane

WEL	Short-term value: 1810 mg/m ³ , 750 ppm
	Long-term value: 1450 mg/m ³ , 600 ppm
	Carc (if more than 0.1% of buta-1.3-diene)

· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

Wash hands before breaks and at the end of work.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Avoid contact with the eyes and skin.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Recommended: Half-face mask with filter for organic vapors.

· Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Recommended: Nitrile gloves

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· Form:	Aerosol
· Colour:	Colourless
· Odour:	Characteristic
· Odour threshold:	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	Not applicable, as aerosol.

· **Flash point:** -35 °C

· **Flammability (solid, gaseous):** Highly flammable.

· **Ignition temperature:**

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Not determined.

· **Danger of explosion:** Risk of explosion by shock, friction, fire or other sources of ignition.

· **Explosion limits:**

· Lower:	Not determined.
· Upper:	Not determined.

· **Vapour pressure:** Not determined.

· Density:	Not determined.
· Relative density at 20±4 °C	0.66 g/cm ³ (water)
· Vapour density	Not determined.
· Evaporation rate	Not applicable.

· **Solubility in / Miscibility with water:** Insoluble.

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- | | |
|---------------------------------------------------|--------------------------------------------|
| · Partition coefficient (n-octanol/water): | 4.85 log POW |
| · Viscosity: | |
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |
| · Solvent content: | |
| Organic solvents: | 80 % |
| VOC (EC) | 15.39 % |
| · 9.2 Other information | No further relevant information available. |

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability** Stable in normal use conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Elevated temperatures. Ignition sources and incompatible materials contact.
- **10.5 Incompatible materials:** Strong oxidizers and acids.
- **10.6 Hazardous decomposition products:**
A toxic gas mixture is formed upon combustion, chiefly containing CO₂ and CO.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Causes irritation with reddening and drying.
- **on the eye:** It can cause eye irritation accompanied by redness.
- **Sensitisation:** No sensitising effects known.
- **Danger through aspiration:** May cause irritation in the respiratory system, coughing and headaches.
- **Danger through ingestion:** Accidental ingestion may cause nausea and vomiting, with gastrointestinal problems.
- **Other information (about experimental toxicology):** Not available
- **Subacute to chronic toxicity:** Not available
- **Additional toxicological information:** Not available.
- **Toxicokinetics, metabolism and distribution** Not available
- **Acute effects (acute toxicity, irritation and corrosivity)** Not available
- **Sensitisation** Not available
- **Toxicity for specific target Organ - Single exposure:**
Not available.
Can cause respiratory tract irritation and narcotic effects with breathlessness, cough, dizziness, drowsiness, weakness, loss of consciousness and headache.
- **Repeated dose toxicity** Toxicity effects are not expected for targeted organs due to repeated exposure.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
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SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Can harm aquatic life.
- **12.2 Persistence and degradability**
It is expected that the product presents persistence and is not rapidly degraded.
- **12.3 Bioaccumulative potential** It is expected bioaccumulative potential in aquatic organisms. Log Kow: 4.85.
- **12.4 Mobility in soil** Undetermined.
- **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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 04	metallic packaging
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA** UN1950
- **14.2 UN proper shipping name**
- **ADR** 1950 AEROSOLS
- **IMDG, IATA** AEROSOLS
- **14.3 Transport hazard class(es)**
- **ADR**
- **Class** 2.1

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· 14.4 Packing group	Not applicable
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· Danger code (Kemler):	23
· EMS Number:	F-D,S-U
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Not permitted as Excepted Quantity
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN1950, AEROSOLS, 2.1

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS07 GHS08 GHS09

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**
Naphtha (petroleum), sweetened
- **Hazard statements**
H222-H229 *Extremely flammable aerosol. Pressurised container: May burst if heated.*
H251 *Self-heating: may catch fire.*
H315 *Causes skin irritation.*
H361 *Suspected of damaging fertility or the unborn child.*
H335-H336 *May cause respiratory irritation. May cause drowsiness or dizziness.*
H410 *Very toxic to aquatic life with long lasting effects.*
- **Precautionary statements**
P301+P310 *IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.*
P303+P361+P353 *IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.*
P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*

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- P401 Store in accordance with local/regional/national/international regulations.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This form provides information on protection, health, safety and the environment. Note that the handling of any chemical substance requires prior knowledge of its dangers to users.

The company using the product is responsible for providing training for its employees and hired parties with regards to the possible adverse risks of the product.

· **Relevant phrases**

- H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H350 May cause cancer.

· **Training hints**

The user of this product should be qualified for handling, operation and application of the product.

· **Recommended restriction of use**

Rubber surfaces that will receive repairs or any process involving adhesion or curing

· **Department issuing MSDS:** Product Regulations and Information.

· **Contact:** Daiane Torani

· **Abbreviations and acronyms:**

- Flam. Gas 1: Flammable gases, Hazard Category 1
Flam. Aerosol 1: Flammable aerosols, Hazard Category 1
Press. Gas C: Gases under pressure: Compressed gas
Self-heat. 1: Self-Heating Substances and Mixtures, Hazard Category 1
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Carc. 1B: Carcinogenicity, Hazard Category 1B
Repr. 2: Reproductive toxicity, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
Asp. Tox. 1: Aspiration hazard, Hazard Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

· *** Data compared to the previous version altered.**