

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/09/2016

Reviewed on 09/09/2016

1 Identification

- **Product identifier**
- **Trade name:** Sealer for Beads SV-02 E
Sealer for Patches SV-01 E
- **Internal identification code:** 461282, 461283
- **Main recommended uses for the substance or product:**
For further information consult the technical data sheet.
The product acts as repair and sealer, preventing the tire has its extrutura affected by loss of air in the shaved area around consertro and in the bead area.
- **Uses advised against:**
Remove all sources of ignition. Keep away from heat, open flames, hot surfaces, sparks and not smoke.
This product must not be used for applications other than those recommended in this section.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Vipal Rubber Corporation
2750 N.W. 84th Avenue
Miami, Florida – 33122 – USA
Phone: 305 640 0330
Fax: 305 640 0310
- **E-mail:** info@vipal-usa.com
- **Emergency telephone number:** +1 305 640 0330

2 Hazard(s) identification

- **Classification of the substance or mixture**

Flam. Liq. 2	H225	Highly flammable liquid and vapor.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2B	H320	Causes eye 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.
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



- **Signal word** Danger
- **Hazard-determining components of labeling:**
Naphtha (petroleum), light straight-run
- **Hazard statements**
H225 Highly flammable liquid and vapor.
H315+H320 Causes skin and eye irritation.
H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H410 Very toxic to aquatic life with long lasting effects.

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· **Precautionary statements**

- P210 *Keep away from heat/sparks/open flames/hot surfaces. No smoking.*
- P202 *Do not handle until all safety precautions have been read and understood.*
- P301+P310 *IF SWALLOWED: Immediately call a POISON CENTER/ doctor.*
- P303+P361+P353 *If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*
- P403+P235 *Store in a well-ventilated place. Keep cool.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization:** Mixture

· **Description:** Petroleum-naphtha-based adhesive, polymer and additives.

· **Dangerous components:**

64741-46-4	Naphtha (petroleum), light straight-run	50-100%
1333-86-4	Carbon black	3-10%
1314-13-2	zinc oxide	<1%

· **Additional information:**

P Note: It is not necessary to classify as a carcinogen because the substance contains less than 0,1% w / w benzene.

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

If case of indisposition, contact the TOXICOLOGY INFORMATION CENTER or a doctor. Bring this SDS.

Remove the victim to fresh air. If the victim is breathing with difficult, give oxygen. if necessary administer artificial respiration. Seek medical advice.

· **After skin contact:**

Remove contaminated clothing. Wash exposed skin with large amounts of water for at least 30 minutes. Seek medical advice.

· **After eye contact:**

Wash immediately with running water for at least 30 minutes, keeping eyelids open. If it's possible, remove contact lenses and seek immediate medical assistance.

· **After swallowing:**

Thoroughly rinse the victim's mouth with water. Seek medical attention.

Do not induce vomit.

· **Most important symptoms and effects, both acute and delayed**

May cause skin irritation with dryness and redness.

May cause eye irritation with tearing, pain and redness.

May cause shortness of breath, cough, dizziness drowsiness, weakness, loss of consciousness and headache.

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· **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.

In case of skin contact not rub the affected site.

Avoid contact with the product when helping the victim.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Use chemical-powder (PQS), chemical-foam, or CO2 sprinkles. Use water-mist spout to cool down adjacencies.

· **For safety reasons unsuitable extinguishing agents:** *Jet of water.*

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

Dangerous when exposed to excessive heat or other sources of ignition.

· **Advice for firefighters:**

· **Protective equipment:**

Self-contained breathing apparatus (SCBA), complete protective clothing, and leather gloves.

* 6 Accidental release measures

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

· **For people who are not part of the emergency services:**

Eliminate all ignitions sources. Do not smoke.

Stay away from low areas and keep the wind to your back.

Avoid inhalation, contact with eyes and skin.

· **For people part of the emergency services:**

Use waterproof protection clothes, nitrile gloves, closed shoes, protection goggles, and breathing mask for organic vapors.

Isolate the area in a radius of at least 50 meters, in all directions.

Stay away from low areas and keep the wind to your back.

· **Environmental precautions:**

Isolate the area of the accident.

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

Stop leaking avoiding contact with the skin and with clothes.

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

Collect the material and put it into adequate containers, duly labeled for further treatment and disposal.

Using water mist or vapor suppressing foam to reduce the dispersion of vapors

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

· **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.

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7 Handling and storage

- **Handling:**
- **Precautions and directions for safe handling:**
Handle the product in ventilated area or with general ventilation/exhaust system.
Avoid incompatible materials contact.
Avoid the formation of vapors or mists.
- **Information about fire and explosion protection:**
Avoid the formation of static loads.
Keep ignition sources away - Do not smoke.
- **Hygienic measures:**
Wash your hands before eating, drinking, smoking or using the toilet. Contaminated clothing should be changed and washed before reuse.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Prevention of fire and explosions:**
Remove all sources of ignition. Keep away from heat, open flames, hot surfaces, sparks and not smoke.
Inspect containers for damage or leaks before handling them.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Specific end use(s)**
The product acts as repair and sealer, preventing the tire has its extrutura affected by loss of air in the shaved area around consertro and in the bead area.

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:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

1333-86-4 Carbon black

PEL	Long-term value: 3.5 mg/m ³
REL	Long-term value: 3.5* mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV	Long-term value: 3* mg/m ³ *inhalable fraction

1314-13-2 zinc oxide

PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction and fume
REL	Short-term value: 10** mg/m ³ Long-term value: 5 mg/m ³ Ceiling limit value: 15* mg/m ³ *dust only **fume

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TLV	Short-term value: 10* mg/m ³ Long-term value: 2* mg/m ³ *as respirable fraction
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· Ingredients with biological limit values:

1314-13-2 zinc oxide
Not established
1333-86-4 Carbon black
Not established

· Engineering control measures:

Provide mechanical ventilation and exhaust system so to maintain the vapor concentration lower than the tolerance limit.

· Personal protective equipment:

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Recommended: Half-face mask with filter for organic vapors.

· Protection of hands and body:

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

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.

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

Use waterproof clothes.

Recommended: Nitrile gloves

· Thermal Hazards: Not available.

· Eye protection:



Tightly sealed goggles

· Limitation and supervision of exposure into the environment

Steam aspiration systems must be projected in observance to local regulations concerning limits of emission of volatiles substances.

9 Physical and chemical properties

· Appearance:

Form: Viscous liquid

Color: Black

· Odour and odour limit: Characteristic

· pH Not available.

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· Change in condition Melting point/Melting range: Initial boiling point and temperature range:	Not available. 65-125 °C (149-257 °F) (naphtha)
· Flash point:	-35 °C (-31 °F) (naphtha) closed cup
· Flammability (solid, gaseous):	Flammable.
· Ignition temperature:	
Decomposition temperature:	Not available.
· Self-igniting:	Not available
· Danger of explosion:	Risk of explosion by shock, friction, fire or other sources of ignition.
· Lower/upper limit of flammability or explosiveness: Lower: Upper:	Not available Not available
· Vapor pressure:	Not available.
· Density at 23 °C (73 °F): · Relative density · Vapor density	0.77-0.81 g/cm ³ (6.426-6.759 lbs/gal) Not available. Not available.
· Solubility in / Miscibility with Water:	Insoluble.
· Partition coefficient (n-octanol/water):	4.85 log POW (naphtha)
· Viscosity: Dynamic: Kinematic: · Other information	Not available. Not available. No further relevant information available.

10 Stability and reactivity

- **Reactivity and chemical stability:**
May have reactions with incompatible materials.
Stable in normal use conditions.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Elevated temperatures. Ignition sources and incompatible materials contact.
- **Incompatible materials:** Strong oxidizers and acids.
- **Hazardous decomposition products:**
A toxic gas mixture is formed upon combustion, chiefly containing CO₂ and CO.

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· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods:**

· **Product:**

Must be disposed of as hazardous waste in accordance with local regulations. The treatment and disposal must be evaluated for each particular product. Federal, state and municipal laws should be consulted.

Packaging (plastic and/or cardboard), if not contaminated, should be discarded in accordance to present law.

· **Product remains:**

Keep the product remains in its original packaging and properly closed. Disposal should be carried out as established for the product.

· **Uncleaned packagings:**

· **Recommendation:**

Do not reuse empty containers. These may contain residues of the product and should be kept closed and sent for proper disposal as required for the product.

14 Transport information

· **UN-Number**

· **ADR, IMDG, IATA** UN1268

· **UN proper shipping name**

· **ADR** 1268 PETROLEUM PRODUCTS, N.O.S.

· **IMDG, IATA** PETROLEUM DISTILLATES, N.O.S.

· **Transport hazard class(es)**

· **ADR, IMDG, IATA**

· **Class** 3 Flammable liquids

· **Label** 3

· **Packing group**

· **ADR, IMDG, IATA** II

· **Environmental hazards:**

Product contains environmentally hazardous substances: zinc oxide

· **Marine pollutant:**

Symbol (fish and tree)

· **Special precautions for user**

Warning: Flammable liquids

· **EMS Number:**

F-E,S-E

· **Transport in bulk according to Annex II of**

MARPOL73/78 and the IBC Code Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Excepted quantities (EQ)** Not available.

· **IMDG**

Waterway:

IMO - "International Maritime Organization"

International Maritime Dangerous Goods Code (IMDG

Code)

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- **Limited quantities (LQ)** 1L
- **IATA** Aerial:
IATA - "International Air Transport Association"
Dangerous Goods Regulation (DGR)
- **UN "Model Regulation":** UN1268, PETROLEUM PRODUCTS, N.O.S., 3, II

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

None of the ingredients is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

1333-86-4 Carbon black

· **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.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

1314-13-2 zinc oxide

II

· **TLV (Threshold Limit Value established by ACGIH)**

1333-86-4 Carbon black

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

1333-86-4 Carbon black

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS02 GHS07 GHS08 GHS09

- **Signal word** Danger

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

Naphtha (petroleum), light straight-run

· **Hazard statements**

H225 Highly flammable liquid and vapor.

H315+H320 Causes skin and eye irritation.

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

H304 May be fatal if swallowed and enters airways.

H410 Very toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P202 Do not handle until all safety precautions have been read and understood.

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

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P403+P235 Store in a well-ventilated place. Keep cool.

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

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

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.

· **Training hints**

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

· **Date of preparation / last revision** 09/09/2016 / 999

· **Abbreviations and acronyms:**

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

· **Sources**

www.osha.gov

SYSTEM OF CHEMICAL EXPOSURE HAZARD (SIRETOX). Available at: <<http://www.siretox.com.br>>. Access: sep. 2015.

BR Petrobras Distribuidora. Material Safety Data Sheet, Solbrax 55/75. Revision 5, 2015.

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