

Printing date 02/05/2015

Reviewed on 02/05/2015

1 Identification

- **Product identifier** **Product Number: various**
- **Trade name:** **Rubber Patch**
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Distributor:**
Plews Edelmann
1550 Franklin Grove Road
Dixon, IL 61021
- **Emergency telephone number:**
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or Outside USA and Canada: +1 703-527-3887

*** 2 Hazard(s) identification**

- **Classification of the substance or mixture**



GHS08 Health hazard

Muta. 1B H340 May cause genetic defects.
Carc. 1A H350 May cause cancer.
STOT RE 2 H373 May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalative.



GHS09 Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
STOT SE 3 H335 May cause respiratory irritation.

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



GHS07



GHS08



GHS09

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

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Trade name: Rubber Patch

- **Signal word** Danger
- **Hazard-determining components of labeling:**
 - 1,3-butadiene buta-1,3-diene
 - benzothiazole-2-thiol
 - Carbon black
 - White Carbon Black
- **Hazard statements**
 - Causes skin irritation.
 - Causes serious eye irritation.
 - May cause an allergic skin reaction.
 - May cause genetic defects.
 - May cause cancer.
 - May cause respiratory irritation.
 - May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalative.
 - Toxic to aquatic life with long lasting effects.
- **Precautionary statements**
 - Do not breathe dust/fume/gas/mist/vapors/spray.
 - Use only outdoors or in a well-ventilated area.
 - Wear protective gloves.
 - Wear eye protection / face protection.
 - Avoid release to the environment.
 - Wash thoroughly after handling.
 - Contaminated work clothing must not be allowed out of the workplace.
 - Obtain special instructions before use.
 - Do not handle until all safety precautions have been read and understood.
 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - Specific treatment (see on this label).
 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - Call a poison center/doctor if you feel unwell.
 - Wash contaminated clothing before reuse.
 - IF exposed or concerned: Get medical advice/attention.
 - If skin irritation or rash occurs: Get medical advice/attention.
 - If eye irritation persists: Get medical advice/attention.
 - Get medical advice/attention if you feel unwell.
 - If on skin: Wash with plenty of water.
 - Collect spillage.
 - Take off contaminated clothing and wash it before reuse.
 - Store locked up.
 - Store in a well-ventilated place. Keep container tightly closed.
 - Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Unknown acute toxicity:**
 - 37.2 percent of the mixture consists of ingredient(s) of unknown toxicity.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



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• **HMS-ratings (scale 0 - 4)**

| | | |
|------------|---|----------------|
| HEALTH | 2 | Health = *2 |
| FIRE | 1 | Fire = 1 |
| REACTIVITY | 0 | Reactivity = 0 |

• **Other hazards** None known

* 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture: consisting of the following components.

• **Dangerous Components:**

| | | |
|-------------------------------------|--|------------|
| CAS: 9006-04-6 | Natural rubber latex | 23-24% |
| CAS: 106-99-0 RTECS: EI 9275000 | 1,3-butadiene buta-1,3-diene ⚠ Flam. Gas 1, H220; ⚠ Muta. 1B, H340; Carc. 1A, H350; Press. Gas, H280 | 23-24% |
| CAS: 1333-86-4 RTECS: FF 5150100 | Carbon black ⚠ Carc. 2, H351; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 | 14.8-15.5% |
| CAS: 10279-57-9 | White Carbon Black ⚠ STOT RE 2, H373; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 | 9.7-10.5% |
| CAS: 1332-58-7 | Argil | 7.3-7.7% |
| CAS: 471-34-1 RTECS: EV 9580000 | Calcium Carbonate ⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320 | 5.8-6.2% |
| CAS: 149-30-4 RTECS: DL 6475000 | benzothiazole-2-thiol ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Sens. 1, H317 | 4-4.3% |
| CAS: 1314-13-2 RTECS: ZH 4810000 | zinc oxide ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 | 3.8-4.2% |
| CAS: 1317-65-3 | Calcium Carbonate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 | 3.8-4.2% |
| CAS: 7704-34-9 | sulfur ⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320; Combustible Dust | 1.8-2.2% |

* 4 First-aid measures

- **Description of first aid measures**
- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**
Not a normal route of entry.
In case of unconsciousness, place patient securely on side position for transportation.
- **After skin contact:**
Wash with soap and water.
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

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- **After swallowing:** Not anticipated under normal use.
- **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, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Use the appropriate tools to collect the material and dispose of it in an approved waste disposal container.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- **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** Open and handle receptacle with care.
- **Information about protection against explosions and fires:** Keep protective respiratory device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **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 section 7.

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• **Control parameters**

• **Components with occupational exposure limits:**

| | |
|--|--|
| 9006-04-6 Natural rubber latex | |
| TLV | Long-term value: 0.0001* mg/m ³ Skin; DSEN, RSEN;* inh. fraction |
| 106-99-0 1,3-butadiene buta-1,3-diene | |
| PEL | Short-term value: 11 mg/m ³ , 5 ppm Long-term value: 2.21 mg/m ³ , 1 ppm see 29 CFR 1910.1051; 29 CFR 1910.19(1) |
| REL | See Pocket Guide App. A |
| TLV | Long-term value: 4.4 mg/m ³ , 2 ppm |
| 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 |
| 10279-57-9 White Carbon Black | |
| ACGIH TLV | Long-term value: 10 mg/m ³ |
| 1332-58-7 Argil | |
| PEL | Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction |
| REL | Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction |
| TLV | Long-term value: 2* mg/m ³ E; as respirable fraction |
| 471-34-1 Calcium Carbonate | |
| PEL | Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction |
| REL | Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction |
| TLV | TLV withdrawn |
| 149-30-4 benzothiazole-2-thiol | |
| TWA | Long-term value: 5 mg/m ³ Skin - Dermal sensitization notation |
| WEEL | Long-term value: 5 mg/m ³ Skin; DSEN |
| 1314-13-2 zinc oxide | |
| PEL | Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction and fume |

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| | |
|--|--|
| REL | Short-term value: 10** mg/m ³ Long-term value: 5* 5** mg/m ³ Ceiling limit value: 15* mg/m ³ *dust only **fume |
| TLV | Short-term value: 10* mg/m ³ Long-term value: 2* mg/m ³ *as respirable fraction |
| 1317-65-3 Calcium Carbonate | |
| NIOSH | Short-term value: 5 mg/m ³ Long-term value: 10 mg/m ³ |
| NIOSH TWA | Short-term value: 5 mg/m ³ Long-term value: 10 mg/m ³ respirable dust |
| OSHA | Short-term value: 5 mg/m ³ Long-term value: 15 mg/m ³ |
| OSHA TWA | Short-term value: 5 mg/m ³ Long-term value: 15 mg/m ³ respirable fraction |
| • Ingredients with biological limit values: | |
| 106-99-0 1,3-butadiene buta-1,3-diene | |
| BEI | 2.5 mg/L urine end of shift 1,2-Dihydroxy-4-(N-acetylcysteiny)-butane (background, semi-quantitative) 2.5 pmol/g hemoglobin blood not critical Mixture of N-1 and N-2-(hydroxybutenyl)valine hemoglobin adducts (semi-quantitative) |

• **Additional information:** The lists that were valid during the creation were used as basis.

• **Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

• **Breathing equipment:** Not required.

• **Protection of hands:**



Protective gloves

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.

Select glove material based on penetration times, rates of diffusion and 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.

• **Penetration time of glove material**

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

• **Eye protection:**

Safety glasses
Tightly sealed goggles

* 9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **General Information**

• **Appearance:**

Form: Rubber Patch

Color: Black

• **Odor:** Like Rubber

• **Odor threshold:** Not determined.

• **pH-value:** Not applicable.

• **Change in condition**

Melting point/Melting range: Not determined.

Boiling point/Boiling range: -4 °C (25 °F)

• **Flash point:** Not applicable.

• **Flammability (solid, gaseous):** Not determined.

• **Ignition temperature:** 415 °C (779 °F)

• **Decomposition temperature:** Not determined.

• **Auto igniting:** Product is not selfigniting.

• **Danger of explosion:** Product does not present an explosion hazard.

• **Explosion limits:**

Lower: 1.1 Vol %

Upper: 12.5 Vol %

• **Vapor pressure @ 20 °C (68 °F):** 3300 hPa (2475 mm Hg)

• **Density:**

Relative density Not determined.

Vapour density Not applicable.

Evaporation rate Not applicable.

• **Solubility in / Miscibility with**

Water: Insoluble.

• **Partition coefficient (n-octanol/water):** Not determined.

• **Viscosity:**

Dynamic: Not applicable.

Kinematic: Not applicable.

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Trade name: Rubber Patch

- **Solvent content:**
- **Organic solvents:** 0.0 %
- **Other information:** No further relevant information available.

*** 10 Stability and reactivity**

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:**
Carbon dioxide and carbon monoxide may form when heated to decomposition
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

*** 11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**

106-99-0 1,3-butadiene buta-1,3-diene

| | | |
|------------|----------|------------------|
| Oral | LD50 | 5480 mg/kg (rat) |
| Inhalative | LC50/4 h | 285 mg/l (rat) |

1333-86-4 Carbon black

| | | |
|------|------|-------------------|
| Oral | LD50 | 10000 mg/kg (rat) |
|------|------|-------------------|

10279-57-9 White Carbon Black

| | | |
|--------|------|--------------------|
| Oral | LD50 | >10000 mg/kg (rat) |
| Dermal | LD50 | >5.000 mg/kg (rat) |

149-30-4 benzothiazole-2-thiol

| | | |
|------------|---------------|----------------------|
| Oral | LD50 | 3800 mg/kg (rat) |
| Dermal | LD50 | >7940 mg/kg (rabbit) |
| Inhalative | LC50/96 hours | 0.73 mg/l (Trout) |

1314-13-2 zinc oxide

| | | |
|------|------|--------------------|
| Oral | LD50 | > 5000 mg/kg (rat) |
|------|------|--------------------|

- **Primary irritant effect:**
- **on the skin:**
Irritant to skin and mucous membranes.
May cause an allergic skin reaction.
- **on the eye:**
Irritating effect.
Causes serious eye irritation.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
Carcinogenic.
The product can cause inheritable damage.

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Safety Data Sheet (SDS)

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Trade name: Rubber Patch

- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
 - Group 1 - Carcinogenic to humans
 - Group 2A - Probably carcinogenic to humans
 - Group 2B - Possibly carcinogenic to humans
 - Group 3 - Not classifiable as to its carcinogenicity to humans
 - Group 4 - Probably not carcinogenic to humans

| | | |
|--|------------------------------|----|
| 106-99-0 | 1,3-butadiene buta-1,3-diene | 1 |
| 1333-86-4 | Carbon black | 2B |
| • NTP (National Toxicology Program) | | |
| 106-99-0 | 1,3-butadiene buta-1,3-diene | K |
| • OSHA-Ca (Occupational Safety & Health Administration) | | |
| None of the ingredients are listed. | | |

* 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:**
Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

| | | |
|---------------------------------------|------------------------|--|
| 149-30-4 benzothiazole-2-thiol | | |
| EC50 | 0.5 mg/l (Green algae) | |
| | 0.71 mg/l (daphnia) | |

- **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.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

* 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Observe all federal, state and local environmental regulations when disposing of this material.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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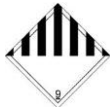

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Trade name: Rubber Patch*** 14 Transport information**

| | |
|---|--|
| • UN-Number | Non-Regulated Material |
| • DOT | UN3077 |
| • ADR, IMDG, IATA | |
| • UN proper shipping name | |
| • DOT | Non-Regulated Material |
| • ADR | UN3077 Environmentally hazardous substances, solid, n.o.s. (benzothiazole-2-thiol, zinc oxide) |
| • IMDG | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (benzothiazole-2-thiol, zinc oxide), MARINE POLLUTANT |
| • IATA | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (benzothiazole-2-thiol, zinc oxide) |
| • Transport hazard class(es) | |
| • DOT | |
| • Class | Non-Regulated Material |
| • ADR | |
|  | |
|  | |
| • Class | 9 (M7) Miscellaneous dangerous substances and articles |
| • Label | 9 |
| • IMDG, IATA | |
|  | |
|  | |
| • Class | 9 Miscellaneous dangerous substances and articles |
| • Label | 9 |
| • Packing group | |
| • DOT | Non-Regulated Material |
| • ADR, IMDG, IATA | III |
| • Environmental hazards: | Product contains environmentally hazardous substances: benzothiazole-2-thiol, zinc oxide |
| • Marine pollutant: | Yes |
| • Special marking (ADR): | Symbol (fish and tree) |
| • Special marking (IATA): | Symbol (fish and tree) |
| • Special precautions for user | Warning: Miscellaneous dangerous substances and articles |
| • Danger code (Kemler): | 90 |
| • EMS Number: | F-A,S-F |
| • Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

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Trade name: Rubber Patch**• Transport/Additional information:****• ADR****• Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 1000 g

• IMDG**• Limited quantities (LQ)****• Excepted quantities (EQ)**

5 kg

Code: E1

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 1000 g

• UN "Model Regulation":UN3077, Environmentally hazardous substances, solid, n.o.s.
(benzothiazole-2-thiol, zinc oxide), 9, III*** 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 are listed.

• Section 313 (Specific toxic chemical listings):

106-99-0 1,3-butadiene buta-1,3-diene

149-30-4 benzothiazole-2-thiol

1314-13-2 zinc oxide

• TSCA (Toxic Substances Control Act):

106-99-0 1,3-butadiene buta-1,3-diene

1333-86-4 Carbon black

1332-58-7 Argil

471-34-1 Calcium Carbonate

149-30-4 benzothiazole-2-thiol

1314-13-2 zinc oxide

1317-65-3 Calcium Carbonate

7704-34-9 sulfur

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

106-99-0 1,3-butadiene buta-1,3-diene

1333-86-4 Carbon black

• Chemicals known to cause reproductive toxicity for females:

106-99-0 1,3-butadiene buta-1,3-diene

• Chemicals known to cause reproductive toxicity for males:

106-99-0 1,3-butadiene buta-1,3-diene

• Chemicals known to cause developmental toxicity:

106-99-0 1,3-butadiene buta-1,3-diene

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• **Carcinogenic categories**

• **EPA (Environmental Protection Agency)**

| | | |
|-----------|------------------------------|----------|
| 106-99-0 | 1,3-butadiene buta-1,3-diene | CaH |
| 1314-13-2 | zinc oxide | D, I, II |

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

| | | |
|-----------|------------------------------|---------|
| 106-99-0 | 1,3-butadiene buta-1,3-diene | A2 |
| 1333-86-4 | Carbon black | A4 |
| 1332-58-7 | Argil | 2 mg/m3 |

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

| | | |
|-----------|------------------------------|--|
| 106-99-0 | 1,3-butadiene buta-1,3-diene | |
| 1333-86-4 | Carbon black | |

• **GHS label elements**

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

• **Hazard pictograms**



GHS07 GHS08 GHS09

• **Signal word** Danger

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

1,3-butadiene buta-1,3-diene
benzothiazole-2-thiol
Carbon black
White Carbon Black

• **Hazard statements**

Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May cause genetic defects.
May cause cancer.
May cause respiratory irritation.
May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalative.
Toxic to aquatic life with long lasting effects.

• **Precautionary statements**

Do not breathe dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Wear protective gloves.
Wear eye protection / face protection.
Avoid release to the environment.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Specific treatment (see on this label).
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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Trade name: Rubber Patch

Call a poison center/doctor if you feel unwell.
 Wash contaminated clothing before reuse.
 IF exposed or concerned: Get medical advice/attention.
 If skin irritation or rash occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Get medical advice/attention if you feel unwell.
 If on skin: Wash with plenty of water.
 Collect spillage.
 Take off contaminated clothing and wash it before reuse.
 Store locked up.
 Store in a well-ventilated place. Keep container tightly closed.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

• **State Right to Know**

| | |
|-------------------------------------|--|
| CAS: 9006-04-6 | Natural rubber latex |
| CAS: 106-99-0 RTECS: EI 9275000 | 1,3-butadiene buta-1,3-diene ⚠ Flam. Gas 1, H220; ⚠ Muta. 1B, H340; Carc. 1A, H350; Press. Gas, H280 |
| CAS: 1333-86-4 RTECS: FF 5150100 | Carbon black ⚠ Carc. 2, H351; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 |
| CAS: 10279-57-9 | White Carbon Black ⚠ STOT RE 2, H373; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335 |
| CAS: 1332-58-7 | Argil |
| CAS: 471-34-1 RTECS: EV 9580000 | Calcium Carbonate ⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320 |
| All ingredients are listed. | |

• **Information about limitation of use:**

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

16 Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

• **Date of preparation / last revision** 02/05/2015 / 4

• **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent

(Contd. on page 14)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Printing date 02/05/2015

Reviewed on 02/05/2015

Trade name: Rubber Patch

Flam. Gas 1: Flammable gases, Hazard Category 1
Press. Gas: Gases under pressure: Compressed gas
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Muta. 1B: Germ cell mutagenicity, Hazard Category 1B
Carc. 1A: Carcinogenicity, Hazard Category 1A
Carc. 2: Carcinogenicity, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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

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