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

1.1. Product identifier
Product form: Mixture
Trade name: Instant Road Repair®

1.2. Relevant identified uses of the substance or mixture and uses advised against
Repairing roadways, bridges, airfields and sidewalks.

1.3. Details of the supplier of the safety data sheet
International Roadway Research
14702 Marine Road
Humble, Texas 77396
USA
Phone: (281) 441-3558

1.4. Emergency telephone number
Emergency number: 1 713 828 7093 (24 hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
GHS-US classification
Not classified

2.2. Label elements
GHS-US labelling
No labeling applicable

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS-US)
No data available

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>(CAS No) 1317-85-3</td>
<td>91 - 97</td>
<td>Not classified</td>
</tr>
<tr>
<td>Asphalt</td>
<td>(CAS No) 8052-42-4</td>
<td>2 - 8</td>
<td>Carc. 2; H351 (if heated)</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Allow victim to breathe fresh air. Allow the victim to rest.

* According to IARC, this substance is listed under Bitumens, straight –run and their emissions during road-paving as carcinogens. Carcinogenicity does not apply to those preparations that are handled un-heated with no emissions.
First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Does not burn. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: No data available. Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protective equipment for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin, eyes and clothing. Avoid all eye and skin contact and do not breathe vapor and mist.

Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from heat sources. Keep container closed when not in use.

Storage area: Store away from heat.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Instant Road Repair®
Safety Data Sheet
according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

<table>
<thead>
<tr>
<th>Limestone (1317-65-3)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH TWA (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>15 mg/m³ (total dust) 5 mg/m³ (respirable dust)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Asphalt (8052-42-4)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH TWA (mg/m³)</td>
<td>0.5 mg/m³ (fume, inhalable fraction)</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Appropriate engineering controls: Either local exhaust or general room ventilation is usually required. Ensure adequate ventilation.

Hand protection: Wear protective gloves.
Eye protection: Chemical goggles or safety glasses.
Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. If excessive exposure exists, use only approved air-purifying or supplied air respirator operated in a positive pressure mode. An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits.
Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: Solid
Appearance: Coated stone.
Color: Black
Odor: petroleum-like odor
Odor threshold: No data available
pH: Not applicable
Relative evaporation rate (butyl acetate=1): No data available
Melting point: > 176 °C (350°F)
Freezing point: No data available
Boiling point: > 566 °C (1050°F)
Flash point: > 115 °C (240°F)
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapor pressure: < 1.33 mbar
Relative vapor density at 20 °C: No data available
Relative density: >= 1.2 g/cm³
Solubility: Negligible in water.
Water:
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: Not explosive as none of the components is classified as explosive or oxidizing.
Oxidising properties: Not oxidising based on structural assessment of components.
Explosive limits: No data available

9.2. Other information
VOC content: 0.4 - 1 %

02/24/2015 EN (English)
SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Stable at ambient temperature and under normal conditions of use. Not established.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur. Not established.

10.4. Conditions to avoid
Not applicable

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Asphalt (8052-42-4)
LD50 oral rat > 5000 mg/kg
LD50 dermal rabbit > 2000 mg/kg

Skin corrosion/irritation : Not classified
pH: Not applicable

Serious eye damage/irritation : Not classified
pH: Not applicable

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified
(Due to its physical form, exposure to this chemical is not likely. Conclusive but not sufficient for classification)

Instant Road Repair®
IARC group 2B - Possibly carcinogenic to humans. This substance is listed under Bitumen, straight –run and their emissions during road paving as carcinogens. Carcinogenicity does not apply to those preparations that are handled un-heated with no emissions.

National Toxicity Program (NTP) Status 5 - Twelfth Report - Items under consideration

Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified
Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability

Instant Road Repair®
Persistence and degradability Not established.
12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Instant Road Repair®</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt (8052-42-4)</td>
<td>Not established.</td>
</tr>
<tr>
<td>BCF fish 1</td>
<td>(no bioaccumulation expected)</td>
</tr>
<tr>
<td>Log Pow</td>
<td>&gt; 6</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No additional information available

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT
Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

Transport document description :

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations
No additional information available

15.2. International regulations

CANADA

Limestone (1317-65-3)
Listed on the Canadian NDSL (Non-Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

EU-Regulations
No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Not classified

15.2.2. National regulations
No additional information available

15.3. US State regulations
SECTION 16: Other information

Revision date : 2/24/2015
Other information : None.

US test template

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.