

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**













- 1.1 Product identifier - Tube Repair Patch Kit, Tube Patch Kit w/ Levers Tire Tackle Kit 22 pc., Tire Plug Kit w/ Pistol Grip Handle, Tire Plug Kit w/ T-Handle, Tube Patch Kit w/ Glue, Tire Repair Plugs 30 pk., Tire Repair Plugs w/ Glue 5 pk., Tire Tackle Kit 54 pc., Tire Plug Kit w/ Pencil Gauge, Rubber Cement, Carded Tube, Rubber Cement, Brush top can, AM Rubber Cement**
- GHS Product Identifier **As Above**  
 Chemical Name Mixture  
 Trade name **As Above**  
 CAS No. Mixture  
 EINECS No. Mixture  
 REACH Registration No. Not available
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
 Identified use(s) Adhesive – Sold separately or as part of a kit.  
 Uses advised against Users are recommended to seek further advice.
- 1.3 Details of the supplier of the safety data sheet**
- |                           |                 |  |
|---------------------------|-----------------|--|
| Company                   | (United States) | <b>Accessories Marketing, Inc.</b>                                 |
| Identification            | (Canada)        | <b>ITW Permatex Canada</b>   |
| Address                   | (United States) | <b>125 Venture Drive, Suite 210, San Luis Obispo, CA 93401 USA</b> |
|                           | (Canada)        | <b>35 Brownridge Rd., Unit 1, Halton Hills ON L7G 0C6 Canada</b>   |
| Telephone                 | (United States) | <b>(805) 489-0490</b>  |
|                           | (Canada)        | <b>(905) 693-8900 (Tel), (905) 864-8602 (Fax)</b>                  |
| E-Mail (competent person) |                 | <a href="mailto:brett@slime.com">mailto:brett@slime.com</a>        |
- 1.4 Emergency telephone number – ChemTel Inc.**  
**Emergency Phone No. (800) 255-3924 , (813) 248-0585**

**SECTION 2: HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture**
- 2.1.1 GHS Classifications** - Hazardous according to GHS-compliant regulations in Japan, as well as the UN model regulations. Flammable Liquid 2, Skin Irritant 2, Eye Irritant 3, Mutagen 1B, Carcinogen 1B, Specific Target Organ Toxicity - STOT-single exposure 3, Environment Acute & Chronic 1.
- 2.2 Label elements**
- GHS Product Identifiers
- |                     |  |                |               |
|---------------------|--|----------------|---------------|
| Hazard pictogram(s) |  | Signal word(s) | <b>DANGER</b> |
|---------------------|--|----------------|---------------|
- Hazard statement(s)
- H225: Highly flammable liquid and vapour.  
 H304: May be fatal if swallowed and enters airways.  
 H315: Causes skin irritation.  
 H336: May cause drowsiness or dizziness.  
 H340: May cause genetic defects.  
 H350: May cause cancer.  
 H400: Very toxic to aquatic life.  
 H410: Very toxic to aquatic life with long lasting effects.
- Precautionary statement(s)
- P210: Keep away from heat, sparks, open flame, hot surfaces - No smoking  
 P281: Use personal protective equipment as required.  
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
 P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- 2.3 Other hazards** **OSHA Classification(USA):** Hazardous under OSHA Hazard Communication Standard. Flammable liquid, Aspiration hazard, Irritant.  
**HMIS:** Health – 2, Flammability – 3 Reactivity – 0  
**WHMIS Classification (Canada):** Hazardous under WHMIS.  
 Classification B2; Flammable Liquid.  
 Classification D2A: Material with Other Toxic Effects (Carcinogen)  
 Classification D2B: Material with Other Toxic Effects (Irritant)
- 
- 2.4 Additional Information** **None.**

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**GHS Classification**

| Hazardous ingredient(s) | %W/W  | CAS No.    | EC No.    | Hazard pictogram(s) and Hazard statement(s)   |
|-------------------------|-------|------------|-----------|---|
| Petroleum Distillate    | 50-75 | 64742-89-8 | 265-192-2 |  3.5/1B, 3.6/1/B, 3.10/1; H304, H340, H350  |
| Heptane (a)             | 20-30 | 142-82-5   | 205-563-8 |     2.6/2, 3.8/3, 3.10/1, 4.1.1; H225, H304, H315, H336, H400, H410 |
| 1-Heptene (a)           | 5-15  | 25339-56-4 | 246-871-2 |    2.6/2, 3.8/3, 3.10/1, 4.1.1; H225, H304, H315, H336,   |
| Octane (a)              | <5    | 111-65-9   | 203-892-1 |     2.6/2, 3.8/3, 3.10/1, 4.1.1; H225, H304, H315, H336, H400, H410 |

(a) - Also classified as 3.3/3, H320 for general GHS classification.

**3.3 Additional Information** - For full text of H phrases see section 16 Non-Hazardous ingredients are not listed and make up the balance of the product.

### SECTION 4: FIRST AID MEASURES

**4.1 Description of first aid measures**

|              |   |
|--------------|---|
| Inhalation   | Remove patient from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.                         |
| Skin Contact | Wash exposed areas with soap and warm water. In the event of irritation, seek medical advice. Can be absorbed through skin causing systemic harmful effects.      |
| Eye Contact  | Remove any contact lenses. Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention. |
| Ingestion    | If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.   |

**4.2 Most important symptoms and effects, both acute and delayed** **Acute:** Aspiration of liquid may cause pulmonary oedema. Can be absorbed through skin causing systemic harmful effects. May cause drowsiness and dizziness. Irritant effect on skin and eyes. Affects liver, kidneys and central nervous system when systemically absorbed, inhaled or ingested in quantity. **Delayed and chronic effects:** Multiple or prolonged contact with skin may result in dermatitis. Product contains suspect carcinogen and mutagen according to European Union Classifications.

**4.3 Indication of the immediate medical attention and special treatment needed** Treat symptomatically.

### SECTION 5: FIRE-FIGHTING MEASURES

Flammable Liquid. Acrid smoke. Not Sensitive to mechanical impact and static discharge.  
Flash Point = - 9 °C / 16 °F. Explosive Limits: 1.3% LEL. Auto-Ignition Temperatures: NE

**5.1 Extinguishing media**

Suitable Extinguishing Media Extinguish preferably with dry chemical, foam or water spray.  
Unsuitable Extinguishing Media Water streams.

**5.2 Special hazards arising from the substance or mixture** Containers may rupture from exposure to high temperatures, releasing contents that may be slippery.

**5.3 Advice for fire-fighters** A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Extinguish preferably with dry chemical, foam or water spray.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

- |  |   |
|--|---|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b> | Eliminate sources of ignition. Ensure adequate ventilation. Ensure suitable personal protection (including respiratory protection) during removal of spillages.                                     |
| <b>6.2 Environmental Precautions</b>   | Environmental hazards cannot be excluded by inappropriate handling or disposal.   |
| <b>6.3 Methods and material for containment and cleaning up</b>                | Mix spilled product with sand, then shovel up into covered container. For small spills on hard surfaces, allow substance to harden, then scrape up and discard. Treat absorbed liquid as flammable. |
| <b>6.4 Reference to other sections</b>   | See Also Section 7, 8, 13.  |
| <b>6.5 Additional Information</b>  | None  |

### SECTION 7: HANDLING AND STORAGE

- |            |   |  |
|------------|---|--|
| <b>7.1</b> | <b>Precautions for safe handling</b>                                | Keep away from fire, sparks and heated surfaces - no smoking. Avoid skin and eye contact. Use only in well-ventilated areas. Keep away from oxidizing agents. Wear suitable protective clothing. |
| <b>7.2</b> | <b>Conditions for safe storage, including any incompatibilities</b> | Ensure adequate ventilation to remove vapours, fumes, dust etc. Do not use or store near heat or open flame. Keep out of reach of children. Do not store and transport with oxidizers etc.       |
|            | Storage Temperature   | Ambient.   |
|            | Storage Life  | Not available  |
|            | Incompatible materials  | Can react violently if in contact with oxidizing agents.   |
| <b>7.3</b> | <b>Specific end use(s)</b>  | Consult the supplier.  |

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters****8.1.1 Occupational Exposure Limits**

| SUBSTANCE            | CAS No.    | LTEL<br>(8 hr TWA ppm) | LTEL<br>(8 hr TWA mg/m <sup>3</sup> ) | STEL<br>(ppm) | STEL<br>(mg/m <sup>3</sup> ) | Note:      |
|----------------------|------------|------------------------|---------------------------------------|---------------|------------------------------|------------|
| Petroleum Distillate | 64742-89-8 | NE                     | NE                                    | NE            | NE                           | None       |
|                      |            | NE                     | NE                                    | NE            | NE                           | None       |
| Heptane              | 142-82-5   | 400                    | NE                                    | 500           | NE                           | ACGIH, BC  |
|                      |            | 500                    | 2000                                  | NE            | NE                           | OSHA       |
|                      |            | 400                    | 1635 (ON) /1640                       | 500           | 2045 (ON) /2050              | ON, QC, AB |
| 1-Heptene            | 25339-56-4 | NE                     | NE                                    | NE            | NE                           | None       |
|                      |            | NE                     | NE                                    | NE            | NE                           | None       |
| Octane               | 111-65-9   | 300                    | NE                                    | NE            | NE                           | ACGIH, BC  |
|                      |            | 500                    | 2350                                  | NE            | NE                           | OSHA       |
|                      |            | 300                    | 1400                                  | 375           | 1750                         | ON, QC     |

OELs are not available for non-listed components. ON-Ontario, BC-British Columbia, QC- Quebec, AB-Alberta.





**8.1.2 Biological limit value**

| Limit value type<br>(country of origin) | SUBSTANCE. | CAS No.  | Biological limit<br>value | Note: |
|---|------------|----------|---------------------------|-------|
| IDLH - USA                              | Heptane    | 142-82-5 | 750 ppm                   | NIOSH |
| IDLH - USA                              | Octane     | 111-65-9 | 1000 ppm                  | NIOSH |

**8.1.3 PNECs and DNELs**

No PNECs or DNELs are available for this product. As with all chemical products, users are cautioned to avoid unnecessary exposures.

**8.2.2 Personal protection equipment**

|   |                             |  |
|---|-----------------------------|--|
|  | <b>Respirators</b>          | Usually Not Needed.  |
|  | <b>Eye Protection</b>       | Safety glasses are suggested as good practice.                           |
|  | <b>Gloves</b>               | Nitrile or neoprene gloves are suggested where skin contact is possible. |
|  | <b>Body protection</b>      | Usually Not Needed.  |
|   | <b>Engineering Controls</b> | No special controls required.  |
|   | <b>Other</b>                | Clean contaminated equipment.  |

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|  |                  |                                   |                        |
|--|------------------|-----------------------------------|------------------------|
| Appearance                               | Viscous Liquid   | Color                             | Clear or Yellowish     |
| Odor                                     | Solvent          | Odor Threshold (ppm)              | No data                |
| Melting Point (°C) / Freezing Point (°C) | No data          | Boiling point/boiling range (°C): | 194-212 °F / 90-100 °C |
| Flash Point (°C)                         | 16 °F / -9 °C    | Explosive limit ranges            | 1.3 % (Minimum)        |
| Auto Ignition Temperature (°C)           | No data          | Decomposition Temperature (°C)    | No data                |
| Explosive properties                     | Flammable        | Oxidizing properties              | Not an Oxidizer        |
| Flammability (solid, gas)                | Flammable        | pH (Value)                        | No data                |
| Evaporation rate                         | 3.1 (water = 1)  | Vapor Pressure (mm Hg)            | No data                |
| Vapor Density (Air=1)                    | 3.5              | Density (g/ml)                    | 0.7 @ 60°F / 15.5°C    |
| Solubility (Water)                       | Insoluble        | Solubility (Other)                | Soluble in petroleum   |
| Partition Coefficient (n-Octanol/water)  | Favors n-octanol | Viscosity                         | No data                |

**9.2 Other information** Volatile Organic Chemical (VOC) Content: >50% by weight.

### SECTION 10: STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>10.1 Reactivity</b>                         | May react with incompatible materials.  |
| <b>10.2 Chemical stability</b>                 | Stable under normal conditions. Avoid temperature extremes                          |
| <b>10.3 Possibility of hazardous reactions</b> | Can react violently if in contact with oxidizing agents.                            |
| <b>10.4 Conditions to avoid</b>                | Avoid temperature extremes  |
| <b>10.5 Incompatible materials</b>             | Can react violently if in contact with oxidizing agents.                            |
| <b>10.6 Hazardous Decomposition Product(s)</b> | Carbon monoxide, Carbon dioxide. Thermal decomposition will evolve irritant vapors. |

### SECTION 11: TOXICOLOGICAL INFORMATION

| SUBSTANCE            | CAS No.    | LD <sub>50</sub><br>(Oral, Rat) | LC <sub>50</sub><br>(Inhalation, Rat) | LD <sub>50</sub><br>(Dermal, Rat) |
|----------------------|------------|---------------------------------|---------------------------------------|-----------------------------------|
| Petroleum Distillate | 64742-89-8 | > 5000 mg/kg                    | 8300 ppm / 4 Hours                    | NE                                |
| Heptane              | 142-82-5   | NE                              | 103 g/m <sup>3</sup> / 4 Hours        | NE                                |
| 1-Heptene            | 25339-56-4 | NE                              | NE                                    | NE                                |
| Octane               | 111-65-9   | NE                              | 118 g/m <sup>3</sup> / 4 Hours        | NE                                |

**11.1 Information on toxicological effects****11.1.2 Mixtures**

|                                     |              |  |
|-------------------------------------|--------------|--|
| Acute toxicity and Exposure Effects | Ingestion    | May be harmful if swallowed. Risk of aspiration.   |
|                                     | Inhalation   | May cause drowsiness or dizziness. May be harmful if inhaled.  |
|                                     | Skin Contact | Irritating to skin.  |
|                                     | Eye Contact  | May be irritating to eyes.   |
| Irritation                          |              | Causes irritation to eyes and skin.  |
| Corrosivity                         |              | Not to be expected.  |
| Repeated dose toxicity              |              | Expected to be similar to single exposures. May cause dermatitis. Product contains suspect carcinogen/mutagen. |
| Carcinogenicity                     |              | Suspected of causing cancer.   |
| Mutagenicity                        |              | Contains suspect mutagen.  |
| Toxicity for reproduction           |              | No data.   |

**11.2 Other information** None

### SECTION 12: ECOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>12.1 Toxicity</b>                           | Toxic to aquatic life with long lasting effects.                                |
| <b>12.2 Persistence and degradability</b>      | Partially persistent.   |
| <b>12.3 Bioaccumulative potential</b>          | Material may bioaccumulate with multiple spills.                                |
| <b>12.4 Mobility in soil</b>                   | Variable mobility; dependent upon component.                                    |
| <b>12.5 Results of PBT and vPvB assessment</b> | No data.  |
| <b>12.6 Other adverse effects</b>              | Environmental hazards cannot be excluded by inappropriate handling or disposal. |



### SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** Disposal should be in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Incineration may be used to recover energy value.
- 13.2 Additional Information** None

### SECTION 14: TRANSPORT INFORMATION

#### Land transport (ADR/RID) (c)(d)

|                              |                      |
|------------------------------|----------------------|
| UN number                    | UN 1133              |
| Proper Shipping Name         | Adhesives, Flammable |
| Transport hazard class(es)   | 3                    |
| Packing Group                | II                   |
| Hazard label(s)              | Flammable Liquid     |
| Environmental hazards        | None                 |
| Special precautions for user | None                 |

#### Land transport (Within USA) (b)(c)(d)

|                              |                      |
|------------------------------|----------------------|
| UN number                    | UN 1133              |
| Proper Shipping Name         | Adhesives, Flammable |
| Transport hazard class(es)   | 3                    |
| Packing Group                | II                   |
| Hazard label(s)              | Flammable Liquid     |
| Environmental hazards        | None                 |
| Special precautions for user | None                 |

#### Sea transport (IMDG) (c)(d)

|                              |                      |
|------------------------------|----------------------|
| UN number                    | UN 1133              |
| Proper Shipping Name         | Adhesives, Flammable |
| Transport hazard class(es)   | 3                    |
| Packing Group                | II                   |
| Marine Pollutant             | Flammable Liquid     |
| Special precautions for user | None                 |

#### Air transport (ICAO/IATA) (c)(d)

|                              |                      |
|------------------------------|----------------------|
| UN number                    | UN 1133              |
| Proper Shipping Name         | Adhesives, Flammable |
| Transport hazard class(es)   | 3                    |
| Packing Group                | II                   |
| Environmental hazards        | Flammable Liquid     |
| Special precautions for user | None                 |

(b) - ORM-D may be used until 2014. Consult with transport provider.

(c) - Consult with transport provider.

(d) - Check relevant regulations for Special Provisions.

### SECTION 15: REGULATORY INFORMATION

#### USA

|  |   |
|--|---|
| TSCA (Toxic Substance Control Act)   | All chemicals listed.                   |
| SARA 311/312 - Hazard Categories   | Acute Health, Chronic Health, Flammable |
| SARA 302 - Extremely Hazardous Substances                                    | Listed - None                           |
| SARA 313 - Toxic Chemicals   | Listed - None                           |
| CERCLA (Comprehensive Environmental Response Compensation and Liability Act) | Listed - None                           |
| CAA (Clean Air Act 1990)   | Listed - None                           |
| CWA (Clean Water Act)  | Listed - None                           |
| State Right to Know Lists  | Listed as required.                     |
| Proposition 65 (California)  | Listed - None                           |

#### Canada

|  |  |
|--|--|
| WHMIS Classification                     | D2A, D2B – Materials with Other Toxic Effects. |
| Canada (DSL/NDSL)                        | Listed as required.                            |
| Canada Ingredient Disclosure List (CIDL) | Listed as required.                            |

#### Japan

|                        |                  |
|------------------------|------------------|
| Japan Fire Service Act | Flammable Liquid |
|------------------------|------------------|

#### Chemical Safety Assessment

Hazardous – Flammable liquid, irritant to eyes and skin, aspiration hazard.



**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1-16.

**LEGEND**

|        |   |       |  |
|--------|---|-------|--|
| ACGIH  | American Conference of Governmental Industrial Hygienists | NA    | not applicable, not available  |
| AICS   | Australian Inventory of Chemical Substances               | NIOSH | National Institute for Occupational Safety and Health                |
| ANSI   | American National Standards Institute                     | ND    | not determined   |
| atm    | atmosphere (pressure unit)                                | NFPA  | National Fire Prevention Association                                 |
| BOD    | biological oxygen demand                                  | NTP   | National Toxicology Program  |
| CAS    | Chemical Abstracts Service                                | OC    | open cup   |
| CC     | closed cup  | OSHA  | Occupational Safety and Health Administration                        |
| CDTA   | Chemical Drug and Trafficking Act                         | Part  | partition  |
| COC    | Cleveland Open Cup  | PEL   | permissible exposure limits  |
| COD    | chemical oxygen demand                                    | ppb   | parts per billion  |
| coeff. | coefficient   | PPE   | personal protective equipment  |
| CFR    | Code of Federal Regulations                               | ppm   | parts per million  |
| CPR    | cardio-pulmonary resuscitation                            | psi   | pounds per square inch   |
| DEA    | Drug Enforcement Agency                                   | RCRA  | Resource Conservation and Recovery Act                               |
| DOT    | Department of Transportation                              | RQ    | Reportable quantity  |
| DSCL   | Dangerous Substances Classification and Labeling          | RTK   | Right to Know  |
| EEC    | European Economic Community                               | SARA  | Superfund Amendments and Reauthorization Act                         |
| FDA    | Food and Drug Administration                              | STEL  | short-term exposure limit  |
| HMIS   | Hazardous Materials Information System                    | SUSDP | Standard for the Uniform Scheduling of Drugs and Poisons (Australia) |
| IARC   | International Agency for Research on Cancer               | TCC   | Tagliabue Closed Cup   |
| IDLH   | immediate danger to life or health                        | TDG   | Transportation of Dangerous Goods                                    |
| kg     | kilogram  | TPQ   | threshold planning quantity  |
| L      | liter   | TQ    | threshold quantity   |
| LC50   | median lethal concentration                               | TSCA  | Toxic Substances Control Act   |
| LD50   | median lethal dose  | TWA   | time-weighted average  |
| LEL    | lower explosive limit                                     | UEL   | upper explosive limit  |
| mg     | milligram   | WES   | Workplace Exposure Standard (New Zealand)                            |
| mL     | milliliter  | WHMIS | Workplace Hazardous Material Information System                      |

**References:** RTECS, CAS Registry, EINECS/ESIS, *Casarett & Doull's Toxicology*, *Goldfrank's Toxicological Emergencies*, Manufacturer Information

**Hazard statements**

- H225: Highly flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H320: Causes eye irritation.
- H336: May cause drowsiness or dizziness.
- H340: May cause genetic defects.
- H350: May cause cancer.
- H351: Suspected of causing cancer.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

**Training advice:** None

**Additional Information:** Replaces all previous editions.

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