

112-003

Safety Data Sheet
acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 07/17/2015

Reviewed on 07/17/2015

1 Identification

• **Product identifier**

20097 24041 24015 24018
20099 24042 24016

• **Trade name:** Rubber Cement

• **Synonyms:**

Tube Repair Patch Kit, Tube Patch Kit with Levers, Tire Tackle Kit 22 Piece, Tire Plug Kit Pistol Grip Handle, Tire Plug Kit With T-Handle, Tube Patch Kit With Glue, Tire Repair Plugs 30 Pack, Tire Repair Plugs With Glue 5 Pack, Tire Tackle Kit 54 Piece, Tire Plug Kit With Pencil Gauge, Rubber Cement Carded Tube, Rubber Cement Brush Top Can, AM Rubber Cement

• **Recommended use and restriction on use**

• **Recommended use:** No further relevant information available.

• **Restrictions on use:** See Sections 8 and 10 for further information.

• **Details of the supplier of the Safety Data Sheet**

• **Manufacturer/Supplier:**

ITW Global Tire Repair, Inc.
125 Venture Drive, Suite 210, San Luis Obispo, CA 93401
Tel (805) 489-0490



• **Emergency telephone number:**

ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazard(s) identification

• **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

• **Additional information:**

0 percent of the mixture consists of ingredient(s) of unknown toxicity.

There are no other hazards not otherwise classified that have been identified.

• **Label elements**

• **GHS label elements**

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

• **Hazard pictograms**



GHS02 GHS07

• **Signal word** Danger

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

heptane
octane

- **Hazard statements**

H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.

- **Precautionary statements**

P210 Keep away from heat, sparks, open flames, and hot surfaces. - No smoking.
P281 Use personal protective equipment as required.
P233 Keep container tightly closed.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P302+P352 If on skin: Wash with plenty of water.
P403+P235 Store in a well-ventilated place. Keep cool.

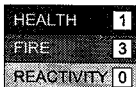
- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 3
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 1
Fire = 3
Reactivity = 0

- **Other hazards**

- **Results of PBT and vPvB assessment**

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

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

64742-89-8	Solvent naphtha (petroleum), light aliph. ⚠ Asp. Tox. 1, H304	50-100%
142-82-5	heptane ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	10-30%
592-76-7	hept-1-ene ⚠ Flam. Liq. 2, H225	10-30%

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111-65-9	octane	(Contd. of page 2)
	<ul style="list-style-type: none"> Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336 	1-5%

Additional information:

Note P : The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). This product meets that requirement.

For the listed ingredient(s), the identity and exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

- **Description of first aid measures**
- **General information:** Take affected persons out into the fresh air.
- **After inhalation:**
Supply fresh air; consult doctor in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Remove contact lenses if worn, if possible.
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
Headache
Dizziness
Nausea
Gastric or intestinal disorders when ingested.
- **Danger**
Danger of impaired breathing.
Danger of convulsion.
Condition may deteriorate with alcohol consumption.
- **Indication of any immediate medical attention and special treatment needed**
If necessary oxygen respiration treatment.
Later observation for pneumonia and pulmonary edema.
Treat skin and mucous membrane with antihistamine and corticoid preparations.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Foam
Alcohol resistant foam

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Gaseous extinguishing agents

Carbon dioxide

Fire-extinguishing powder

ABC powder

· **For safety reasons unsuitable extinguishing agents:**

Water spray

Water stream.

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

In case of fire, the following can be released:

Carbon monoxide (CO)

In certain fire conditions, traces of other toxic gases cannot be excluded.

· **Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

· **Additional information** No further relevant information available.

6 Accidental release measures

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

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

Protect from heat.

· **Environmental precautions:**

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

Inform respective authorities in case of seepage into water course or sewage system.

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

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

Dispose contaminated material as waste according to item 13.

Clean the affected area carefully; suitable cleaners are:

Organic solvent

· **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** Use only in well ventilated areas.

· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Flammable gas-air mixtures may be formed in empty receptacles.

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- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
 - Store in a cool location.
 - Provide ventilation for receptacles.
 - Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from oxidizing agents.
- **Further information about storage conditions:**
 - Store in cool, dry conditions in well sealed receptacles.
 - Store receptacle in a well ventilated area.
- **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 item 7.
- **Control parameters**

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

142-82-5 heptane

PEL (USA)	Long-term value: 2000 mg/m ³ , 500 ppm
REL (USA)	Long-term value: 350 mg/m ³ , 85 ppm Ceiling limit value: 1800* mg/m ³ , 440* ppm *15-min
TLV (USA)	Short-term value: 2050 mg/m ³ , 500 ppm Long-term value: 1640 mg/m ³ , 400 ppm
EL (Canada)	Short-term value: 500 ppm Long-term value: 400 ppm
EV (Canada)	Short-term value: 2.045 mg/m ³ , 500 ppm Long-term value: 1.635 mg/m ³ , 400 ppm
LMPE (Mexico)	Short-term value: 500 ppm Long-term value: 400 ppm

111-65-9 octane

PEL (USA)	Long-term value: 2350 mg/m ³ , 500 ppm n-Octane only
REL (USA)	Long-term value: 350 mg/m ³ , 75 ppm Ceiling limit value: 1800* mg/m ³ , 385* ppm *15 min
TLV (USA)	Long-term value: 1401 mg/m ³ , 300 ppm
EL (Canada)	Long-term value: 300 ppm
EV (Canada)	Short-term value: 1.750 mg/m ³ , 375 ppm Long-term value: 1.400 mg/m ³ , 300 ppm
LMPE (Mexico)	Long-term value: 300 ppm

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· **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.
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the eyes and skin.

· **Engineering controls:** Take precautionary measures against static discharge.

· **Breathing equipment:**

- Not necessary if room is well-ventilated.
- Use suitable respiratory protective device in case of insufficient ventilation.
- Use suitable respiratory protective device when high concentrations are present.

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

· **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 found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Contact lenses should not be worn.



Safety glasses

· **Body protection:** Protective work clothing

· **Limitation and supervision of exposure into the environment**

No further relevant information available.

· **Risk management measures**

See Section 7 for additional information.
No further relevant information available.

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9 Physical and chemical properties

- Information on basic physical and chemical properties

- General Information

- Appearance:

Form:	Viscous
Color:	Light yellow
Odor:	Solvent-like
Odor threshold:	Not determined.
pH-value:	Not determined.

- Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	90 °C (194 °F)

- Flash point: -9 °C (16 °F)

- Flammability (solid, gaseous): Not applicable.

- Auto-ignition temperature: 210 °C (410 °F)

- Decomposition temperature: Not determined.

- Auto igniting: Product is not self-igniting.

- Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- Explosion limits:

Lower:	1.1 Vol %
Upper:	6.7 Vol %

- Vapor pressure at 20 °C (68 °F): 160 hPa (120 mm Hg)

- Density at 20 °C (68 °F): 0.7 g/cm³ (5.842 lbs/gal)

- Relative density: Not determined.

- Vapour density: Not determined.

- Evaporation rate: Not determined.

- Solubility in / Miscibility with

Water:	Not miscible or difficult to mix.
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- Partition coefficient (n-octanol/water): Not determined.

- Viscosity:

Dynamic:	Not determined.
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Kinematic at 40 °C (104 °F):	1000 mm ² /s
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- Other information: No further relevant information available.

10 Stability and reactivity

- Reactivity: No further relevant information available.

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- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**
Highly flammable liquid and vapor.
Forms flammable gases / fumes.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.
Reacts violently with oxidizing agents.
Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid**
Keep ignition sources away - Do not smoke.
Store away from oxidizing agents.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Hydrocarbons

11 Toxicological information

- **Information on toxicological effects**
 - **Acute toxicity:**
 - **LD/LC50 values that are relevant for classification:**
- | 142-82-5 heptane | | |
|------------------|----------|-------------------------------|
| Oral | LD50 | > 5000 mg/kg (rat) (Estimate) |
| Inhalative | LC50/4 h | 103 mg/l (rat) |
- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritating effect.
 - **Sensitization:** No sensitizing effects known.
 - **Subacute to chronic toxicity:** Vapors have narcotic effect.
 - **Additional toxicological information:** Irritant

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **Probable Routes of Exposure**

Ingestion.
Inhalation.
Eye contact.
Skin contact.

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12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** The material is harmful to the environment.
- **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.
- **Behavior in environmental systems:**
- **Bioaccumulative potential**
Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:**
Very toxic for fish
The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen.
Due to mechanical actions of the product (e.g. agglutinations) damages may occur.
- **Additional ecological information:**
- **General notes:**
This statement was deduced from products with a similar structure or composition.
Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
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.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Solvent naphtha

14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1133
- **UN proper shipping name**



Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 1 L (0.3 gal).

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<ul style="list-style-type: none"> · DOT · ADR · IMDG · IATA · Transport hazard class(es) · DOT 	ADHESIVES, Flammable Liquid 1133 ADHESIVES, ENVIRONMENTALLY HAZARDOUS, Flammable Liquid ADHESIVES (HEPTANES, OCTANES), MARINE POLLUTANT, Flammable liquid. ADHESIVES, Flammable		
 	<ul style="list-style-type: none"> · Class · Label 	3 Flammable liquids 3	
<ul style="list-style-type: none"> · ADR 	 	<ul style="list-style-type: none"> · Class · Label 	3 (F1) Flammable liquids 3
<ul style="list-style-type: none"> · IMDG 	 	<ul style="list-style-type: none"> · Class · Label 	3 Flammable liquids 3
<ul style="list-style-type: none"> · IATA 		<ul style="list-style-type: none"> · Class · Label · Packing group · DOT, ADR, IMDG, IATA · Environmental hazards: · Marine pollutant: · Special marking (ADR): · Special precautions for user · Danger code (Kemler): · EMS Number: · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	3 Flammable liquids 3 II Product contains environmentally hazardous substances: heptane, octane Yes Symbol (fish and tree) Symbol (fish and tree) Warning: Flammable liquids 33 F-E,S-D Not applicable.

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· **Transport/Additional information:**

· **DOT**

· **Remarks:**

Consumer commodity limited quantity <66lbs/30Kg
Special marking with the symbol (fish and tree).

· **UN "Model Regulation":**

UN1133, Adhesives, ENVIRONMENTALLY HAZARDOUS,
3, II

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

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

None of the ingredients is listed.

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

None of the ingredients are listed.

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

All ingredients are listed.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are 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)**

142-82-5 | heptane

D

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed.

· **State Right to Know Listings**

None of the ingredients is listed.

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- **Canadian substance listings:**

- **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 1%)**

142-82-5 heptane

111-65-9 octane

- **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.

- **Date of preparation / last revision** 07/17/2015 / -

- **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)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

- **Sources**

SDS Prepared by:

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