

QUIK FIX BEAD AND RIM SEALER

Product: 1787

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Tech international
200 East Coshocton Street
P.O. Box 486
Johnstown, Ohio 43031.

Manufacturer emergency phone number: Chemtrec 800-424-9300.
International: 703-527-3887.

Supplier: Same as manufacturer.

Product name: Quik Fix Bead and Rim Sealer

Product uses: Tire mounting sealant.

Catalog number(s): 1787, 1788, 1795

Effective date: 2009/3/19

Revision No.: 1

Last review: 2009/3/19

Chemical family: Mixture.

NFPA:



Section 2 : INGREDIENT INFORMATION

C.A.S.	Concentration% wgt/wgt	Ingredient Name	ACGIH-TLV TWA	LD/50	LC/50
142-82-5	16**	MIXED ISOMERIC HEPTANES	400 PPM	NOT AVAILABLE	103,000 MG/M3/4H RAT INHALATION
64742-89-8	> 89	SOLVENT NAPHTHA, LIGHT ALIPHATIC	400 PPM	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: CAS# 64742-89-8: LC50 14000-16000 ppm/4H rat inhalation.
CAS# 64742-89-8: LD50 >25,000 mg/kg rat oral.
CAS# 64742-89-8: LD50 >5000 mg/kg rabbit dermal.

****:** Naturally present components of light aliphatic naphtha.

Section 3 : HAZARD IDENTIFICATION

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye contact: May cause irritation.
May cause redness and tearing.
May cause stinging.
May cause swelling.

- Skin contact:** May cause redness.
May cause cracking.
May cause drying.
May cause mild irritation.
May cause burns.
- Inhalation:** May cause metallic taste.
May cause weakness and fatigue.
May cause respiratory irritation.
May cause loss of coordination.
May cause unconsciousness.
May cause confusion.
May cause dizziness and nausea.
May cause coma and death.
Breathing large amounts may be harmful.
May cause light headedness.
May cause nose and throat irritation.
May cause central nervous system depression.
May cause headaches and drowsiness.
- Ingestion:** Low oral toxicity.
May cause nausea, vomiting and diarrhea.
May cause gastro–intestinal irritation.
Aspiration hazard if swallowed.
May cause central nervous system depression.

Effects of chronic exposure: See effects of acute exposure.

Section 4 : FIRST AID MEASURES

- Skin contact:** Remove contaminated clothing.
Wash thoroughly with soap and water.
Seek medical attention if irritation persists.
- Eye contact:** Flush with water for at least 15 minutes, holding eyelids open with fingers.
Consult a physician if irritation persists.
- Inhalation:** Remove victim to fresh air.
Keep person warm and at rest.
If not breathing, qualified personnel should administer artificial respiration.
If breathing is difficult, administer oxygen.
Obtain immediate medical attention.
- Ingestion:** Obtain immediate medical attention.
Do not induce vomiting.
If victim is drowsy or unconscious, place on left side with head down. Do not leave individual unattended.
Never give anything by mouth to an unconscious person.
- Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 5 : FIRE FIGHTING MEASURES

- Flammability:** Flammable.
- Conditions of flammability:** Excessive heat, sparks and open flames.
Vapours are heavier than air and may travel along the ground and be ignited by flames, sparks or other ignition sources at locations distant from the material handling point.

Extinguishing media: Carbon dioxide, dry chemical, foam.

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature: Not available.

Flash point (°C), method: -6.7°C (20°F)

**Lower flammability
limit (% vol):** 1.0%

**Upper flammability
limit (% vol):** 8.0%

Explosion Data

Sensitivity to static discharge: Take precautionary measures against static discharge.

Sensitivity to mechanical impact: Not available.

Hazardous combustion products: Carbon monoxide (CO).
Carbon dioxide (CO₂).
Various hydrocarbons.

Rate of burning: Not available.

Explosive power: Product (even just residue) can ignite explosively.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Recover using a pump.
Eliminate all sources of ignition.
Dike area to prevent spreading.
Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Absorb residual material with sand or other absorbent material.
Stop leak if without risk.
Wear appropriate protective equipment.
Ground handling equipment.
Stay upwind.

Section 7 : HANDLING AND STORAGE

**Handling procedures and
equipment:** Maintain a good personal hygiene.
Keep away from heat, sparks, and open flame.
Use adequate ventilation.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Empty containers containing residue may cause a hazard.
Do not cut, grind, weld or drill empty container.
Use proper grounding procedures.
Avoid contact with skin, eyes and clothing.
Avoid breathing vapor, fumes or mist.
Launder contaminated clothing prior to reuse.
Do not ingest.

Storage requirements: Store away from all sources of ignition.
Store away from incompatible materials.
Keep away from heat, sparks, and open flames.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:



Chemical resistant gloves.
Polyvinyl alcohol gloves.
Nitrile gloves.

Respiratory/Type:



If exposure limit is exceeded, wear a NIOSH approved respirator.
(negative pressure type).

Footwear/Type:



Impervious boots.

Clothing/Type: Impervious clothing.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Provide ventilation capable of maintaining emissions below the TLV.
Explosion proof ventilation equipment.
Local exhaust and/or general ventilation.

Exposure limit of material: Not available for mixture, see section 2A.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Black
Strong solvent odor.
High viscosity liquid.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): 110.50 @ 37.8°C (100°F)

Vapour density (air=1): 3.30

Volatiles (%)

By volume: 89.1%

**Evaporation rate
(butyl acetate = 1):** 3.6

Boiling point (°C): (initial boiling point).
98.3 – 110°C (209 – 230°F)

Freezing point (°C): Not available.

pH: Not applicable.

Specific gravity @ 20 °C: (water = 1).
0.75 @ 15.6°C (60°F)

Solubility in water (%): Not available.

Coefficient of water\oil dist.: Not available.

VOC: 5.76 lbs/gal (690 g/L)

Section 10 : STABILITY AND REACTIVITY

Chemical stability: Product is stable.

Conditions of instability: None known.

Hazardous polymerization: Will not occur.

Incompatible substances: Strong acids.
Strong oxidizing agents.

Hazardous decomposition products: See hazardous combustion products.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: Not available for mixture see section 2A.

LC50 of product, species & route: Not available for mixture, see section 2A.

Sensitization to product: Not available.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 12 : ECOLOGICAL INFORMATION

Environmental toxicity: No data at this time.

Environmental fate: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: Dispose in accordance with local, provincial/state, and federal regulations.

Section 14 : TRANSPORT INFORMATION

ADR CLASSIFICATION: ADHESIVES
UN1133
Class 3
PG II.

Labels required: Flammable liquid.

Emergency response guidebook number: 128

EmS number: 3-05

Hazardous Waste Classification: D001

Special shipping information: See transportation information.

Section 15 : REGULATORY INFORMATION
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EU Regulatory Information

European Union (EU) Regulatory Information: EU labeling required.

EU Risks: R11: Highly flammable.
R65: Harmful: may cause lung damage if swallowed.
R36/38: Irritating to eyes and skin.

EU Safety: S16: Keep away from sources of ignition – No smoking.
S25: Avoid contact with eyes.
S33: Take precautionary measures against static discharges.
S51: Use only in well-ventilated areas.

EINECS#: CAS# 64742-89-8 – EINECS# 232-443-2.
CAS# 142-82-5 – EINECS# 205-563-8.

EU Classification: Highly flammable.
Harmful.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2003/08/08

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