

TECH BLUE HEAVY DUTY VULCANIZING CEMENT

Product: 775

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: TECH BLUE HEAVY DUTY VULCANIZING CEMENT (MSDS #775)

Product uses: Rubber cement.

Catalog number(s): 775, 776

Effective date: 2007/03/06

Revision No.: 0

Last review: 2007/03/06

Chemical family: Mixture.

HMIS
H 1
F 3
R 0
PPE Sec. 8

NFPA:



Section 2 : INGREDIENT INFORMATION

C.A.S.	Concentration% wgt/wgt	Ingredient Name	ACGIH-TLV TWA	LD/50	LC/50
142-82-5	**	MIXED ISOMERIC HEPTANES	400 PPM	NOT AVAILABLE	103,000 MG/M3/4H RAT INHALATION
64742-89-8	*78 - 81	SOLVENT NAPHTHA, LIGHT ALIPHATIC	400 PPM	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).

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.

*: Consists of a complex stream of predominantly C6 to C9 hydrocarbons, exact composition varies.

** : 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 skin burns.
May cause mild irritation.
May cause drying and cracking.
May cause redness or burning sensation.

Inhalation: May cause metallic taste.
May cause weakness and fatigue.
May cause respiratory irritation.
May cause loss of coordination.
May cause drowsiness.
May cause unconsciousness.
May cause confusion.
May cause coma and death.
May cause headache, dizziness and nausea.
Breathing large amounts may be harmful.
May cause light headedness.
May cause nose and throat irritation.
May cause central nervous system depression.

Ingestion: May cause nausea, vomiting and diarrhea.
May cause gastro-intestinal irritation.
No hazard known for ingestion of small quantities.
Aspiration hazard if swallowed.
May cause central nervous system depression.

Effects of chronic exposure: May cause liver and kidney damage.

Section 4 : FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Wash with mild soap and water.
Consult a physician if irritation persists.

Eye contact: Flush eyes with clear, running water for 20 minutes while holding eyelids open. If irritation persists, consult a physician.

Inhalation: Keep person warm and at rest.
Remove victim to fresh air. If breathing is difficult administer oxygen. If not breathing, have qualified person give artificial respiration. Obtain medical attention.

Ingestion: 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.
Do not induce vomiting, seek immediate medical attention.

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: Extremely flammable.

Conditions of flammability: 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.
Heat, sparks and open flames.

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 (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: Oxides of carbon (CO, 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.
Transfer to an approved container for disposal.
Notify the appropriate authorities as required.

Section 7 : HANDLING AND STORAGE

Handling procedures and equipment: 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 strong acids or oxidizers.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:



Chemical resistant gloves.
Polyvinyl alcohol gloves.
Nitrile gloves.

Respiratory/Type:



NIOSH approved respirator, if necessary.
(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: Explosion proof ventilation equipment.
Local exhaust and/or general ventilation.
Provide sufficient mechanical ventilation to maintain exposure below TLV.

Exposure limit of material: Not available for mixture, see the ingredients section.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Light blue.
Strong solvent odor.
High viscosity liquid.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): 124 @ 37.7C (100°F)

Vapour density (air=1): 3.30

Volatiles (%)

By volume: 80%

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

Boiling point (°C): @ 760 mm Hg.
98.3 – 110 (209 – 230°F)

Freezing point (°C): Not available.

pH: Not applicable.

Specific gravity @ 20 °C: 0.75 @ 60°F

Solubility in water (%): Not available.

Coefficient of water\oil dist.: Not available.

VOC: 645 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 the ingredients section.

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: This material is expected to readily biodegrade.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial 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

Reportable Quantity (DOT): 100 lbs

Hazardous Waste Classification: D001

Additional shipping information: 1 Qt(1L) containers may be shipped as a Consumer Commodity, (ORM–D Domestic US).
1 Qt(1L) containers may be shipped as Limited Quantity of Dangerous Goods of Class 3.

Special shipping information: See DOT, IATA and/or IMDG regulations before shipping any hazardous material.

Section 15 : REGULATORY INFORMATION

EU Regulatory Information

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

EU Risks: R11: Highly flammable.
R65: Harmful: may cause lung damage if swallowed.
R67: Vapours may cause drowsiness and dizziness.
R36/38: Irritating to eyes and skin.
R52/53: Harmful to aquatic organisms, may cause long–term adverse effects in the aquatic environment.

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: 2004/03/24

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