

TECH RUB-O-MATIC AEROSOL

Product: 704A

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.
703-527-3887.

Supplier: Same as manufacturer.

Product name: Tech Rub-O-Matic Aerosol

Product uses: Rubber cleaner.

Catalog number(s): 704A (Aerosol)

Effective date: 2008/10/03

Revision No.: 7

Last review: 2008/10/03

Chemical family: Mixture.

HMIS

H 2

F 4

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	25	MIXED ISOMERIC HEPTANES	400 PPM	NOT AVAILABLE	103,000 MG/M3/4H RAT INHALATION
64742-88-7	*	PETROLEUM NAPHTHA	100 PPM	NOT AVAILABLE	NOT AVAILABLE
64742-89-8	*	SOLVENT NAPHTHA, LIGHT ALIPHATIC	400 PPM	NOT AVAILABLE	NOT AVAILABLE
74-98-6	10	PROPANE	1000 PPM	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).

CAS# 64742-89-8: LD50 >2,840 mg/kg rat dermal.

CAS# 64742-89-8: LD50 >7,100 mg/kg rat oral.

Hydrocarbon solvent blend: LC50 15,000 ppm/4hr – rat inhalation.

Aliphatic Hydrocarbon: TLV 400 ppm (skin).

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

65% of product is a blend of light and medium aliphatic hydrocarbons (Cas #64742-89-8 and Cas #64742-88-7).

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: Vapors may be harmful.

May cause metallic taste.

May cause weakness and fatigue.

May cause respiratory irritation.

May cause unconsciousness.

May cause confusion.

May cause coma and death.

Breathing large amounts may be harmful.

May cause light headedness.

May cause nose and throat irritation.

Inhalation overexposure can lead to central nervous system depression producing effects such as headache, nausea, dizziness and loss of coordination.

May cause lung damage.

Vapors may cause irritation.

Ingestion: May cause nausea, vomiting and diarrhea.

May cause gastro-intestinal irritation.

May be fatal if ingested.

Aspiration hazard if swallowed.

May cause central nervous system depression.

Low oral toxicity in small amounts.

Effects of chronic exposure: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

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:** 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:** Obtain immediate medical attention.
Do not induce vomiting.
Guard against aspiration of liquids into lungs.
If victim is drowsy or unconscious, place on left side with head down. Do not leave individual unattended.
- 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 aerosol.
- Conditions of flammability:** Vapours may travel to a source of ignition and flash back.
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:** Tag Closed Cup.
<-18 (<0°F) (propellant).
-1 (30°F)
- Lower flammability limit (% vol):** 0.9 (naphtha).
2.1 (propane).
- Upper flammability limit (% vol):** 10 (naphtha).
9.5 (propane).
- Explosion Data**
- Sensitivity to static discharge:** Take precautionary measures against static discharge.
- Sensitivity to mechanical impact:** Contents under pressure.
- Hazardous combustion products:** Not available.
- Rate of burning:** Not available.
- Explosive power:** Aerosol containers are extremely flammable. Containers may rupture if exposed to heat or fire.
Product (even just residue) can ignite explosively.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of ignition.
Wear appropriate protective equipment.
Use non-sparking tools.
Absorb with dry inert material.
Place in a closed container for disposal.

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.
Keep out of reach of children.
Contents under pressure.
Do not cut, grind, weld or drill empty container.
Avoid breathing vapor and spray.
Use proper grounding procedures.
Avoid contact with skin, eyes and clothing.
Do not smoke in handling or storage area.
Do not puncture, incinerate, or burn.
Launder contaminated clothing prior to reuse.

Storage requirements: Store away from all sources of ignition.
Store away from incompatible materials.
Keep out of direct sunlight.
Store in a room or area suitable for the storage of flammable materials.
Do not store above 49°C (120°F).

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: Local exhaust at points of emission, if TLV is exceeded.
Explosion proof ventilation should be used.
General ventilation.
At least 10 air changes/hour recommended.

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

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquefied gas.

Appearance & odor: Strong solvent odor.
Colourless.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): (naphtha).
40 @ 20°C (68°F)

Vapour density (air=1): Heavier than air.
>3

Volatiles (%)

By volume: 100

Evaporation rate Faster than ether (propellant).
(butyl acetate = 1): 3.2 (naphtha).

Boiling point (°C): (initial boiling point).
<-18 to 182 (0 – 425°F) (naphtha).
-42.2 (-44°F) (propellant).
(@ 760 mmHg).

Freezing point (°C): Not available.

pH: Not available.

Specific gravity @ 20 °C: (water = 1).
(liquid).
0.71

Solubility in water (%): Not available.

Coefficient of water\oil dist.: Not available.

VOC: 5.86 lbs/gal @ 15.5°C (60°F)

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 Carbon monoxide.
products: Various hydrocarbons.
Carbon dioxide.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: Not available.

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: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: Do not puncture or incinerate containers.
Dispose of all waste in accordance with Local, State, and Federal regulations.
Unused product is RCRA ignitable (D001).

Section 14 : TRANSPORT INFORMATION

ADR CLASSIFICATION:

AEROSOLS
UN1950
Class 2.1.



Labels required: Flammable gas.

Emergency response guidebook number: 126

EmS number: 2-13

Hazardous Waste Classification: D001

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: R12: Extremely flammable.
R38: Irritating to skin.
R65: Harmful: may cause lung damage if swallowed.
R67: Vapours may cause drowsiness and dizziness.

EU Safety: S2: Keep out of the reach of children.
S16: Keep away from sources of ignition – No smoking.
S23: Do not breathe gas/fumes/vapour/spray.
S51: Use only in well-ventilated areas.

EINECS#: CAS# 74-98-6 – EINECS# 200-827-9.
CAS# 64742-89-8 – EINECS# 232-443-2.
CAS# 142-82-5 – EINECS# 205-563-8.
CAS# 64742-88-7 – EINECS# 265-191-7.

EU Classification: Extremely flammable.
Harmful.
Irritant.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2005/10/03

Data prepared by: Global Safety Management
3340 Peachtree Road, #1800
Atlanta, GA 30326

Phone: 877-683-7460

Fax: (877) 683-7462

Web: www.globalsafetynet.com

Email: info@globalsafetynet.com.

See www.techtirerepairs.com for the latest MSDSs.