



TECHNICAL RUBBER COMPANY
dba TECH INTERNATIONAL
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EFFECTIVE: 2007/03/06
SUPERCEDES: 9/25/03

MSDS NO.: 751
REVISION NO.: 7

TECH-CHEK CONCENTRATE

MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TECH-CHEK CONCENTRATE
CATALOG NUMBER(S): 751
PRODUCT USE: LEAK DETECTOR

FOR CUSTOMER SERVICE INFORMATION, CONTACT:
(740) 967-9015 or (800) 433-8324

EMERGENCY TELEPHONE NUMBER (24 hrs.): CHEMTREC (800) 424-9300
CHEMTREC International (703) 527-3887

SECTION 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

INGREDIENT (COMMON NAME)	CAS NO.	% (by vol.)	OSHA PEL	ACGIH TLV	NIOSH REL	AIHA WEEL
None*	*	*	*	*	*	*

NOTES	
•	There are no hazardous ingredients components per OSHA Hazardous Communication Standard (29 CFR 1910.1200)
*	Not Established.

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview:

Appearance & Odor: Light red liquid, water-like. Mild surfactant odor.

Health Hazards: May cause eye and skin irritation.

Physical Hazards: Carbon monoxide and carbon dioxide may form as a result of heating or burning.

R-Phrases: R36/38 Irritating to eyes and skin.

EYE CONTACT	Exposure to product may cause eye irritation. Symptoms include stinging, tearing, redness and swelling.
INHALATION	Not a normal route of entry.
INGESTION	Single dose oral toxicity is low. Symptoms may include: gastrointestinal irritation (nausea, vomiting, diarrhea).
SKIN CONTACT	Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry skin. Symptoms include: redness, burning, drying, cracking and skin burns.
TARGET ORGANS EFFECTED	Skin, eyes

CARCINOGENICITY - LISTED BY:

ACGIH	No	IARC	No	NTP	No	OSHA	No
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MATERIAL SAFETY DATA SHEET**SECTION 4. FIRST AID MEASURES**

EYE CONTACT	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes with water for at least 20 minutes while holding eyelids apart. If symptoms persist, seek medical attention.
INHALATION	Not a normal route of entry.
INGESTION	If swallowed, drink two large glasses of water to induce vomiting. Seek medical attention.
SKIN CONTACT	Wash exposed area with soap and water. If symptoms persist, seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD	>200 °F (>93.3 °C)
LEL	Not Established
UEL	Not Established
EXTINGUISHING MEDIA	Water, foam, carbon dioxide or dry chemical
SPECIAL FIREFIGHTING PROCEDURES	Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Carbon monoxide and carbon dioxide may form as a result of heating or burning.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL	Absorb material with paper, vermiculite, floor absorbent, or other absorbing material. Transfer into approved container for disposal.
LARGE SPILL	Dike area of spill to prevent spreading. Absorb with appropriate materials. Transfer into approved containers for disposal. Do not dump into natural waterways.

SECTION 7. HANDLING AND STORAGE

Keep from freezing. Store in safe areas at room temperature. Do not incinerate containers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION	Chemical splash goggles in compliance with OSHA regulations are advised, however OSHA regulations also permit other types of safety glasses. Consult your safety equipment representative.
RESPIRATORY PROTECTION	None should be required during normal use.
SKIN PROTECTION	Wear resistant gloves, such as: polyvinyl alcohol, nitrile.
ENGINEERING CONTROLS	Provide sufficient mechanical (general or local exhaust) ventilation to maintain exposure below OEL(s). Explosion-proof ventilation system is acceptable.
OTHER HYGIENIC AND WORK PRACTICES	Use good personal hygiene work practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash before reuse.

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INITIAL BOILING POINT	212 ° F (100° C) @ 760.00 mm Hg
VAPOR PRESSURE	Not Established
VAPOR DENSITY (air = 1)	>1
SPECIFIC GRAVITY (water = 1)	0.995
% VOLATILES	0.21 %
VOC CONTENT	0.017 lbs./gal (2.03 g/L)
EVAPORATION RATE	Slower than ether
pH	7.7
APPEARANCE	Light red liquid, water-like

SECTION 10. STABILITY AND REACTIVITY

STABILITY	Stable
HAZARDOUS POLYMERIZATION	Cannot occur
INCOMPATABILITY (materials or conditions to avoid)	Strong oxidizers, strong acids
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon dioxide, carbon monoxide, various hydrocarbons

SECTION 11. TOXICOLOGICAL INFORMATION

Since there are no hazardous chemicals in this product, there is no toxicological information needed.

SECTION 12. ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects. This section will be updated as ecological reviews are completed.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of material should be done in accordance with all Federal (40 CFR Part 261), State and Local environmental control regulations.

SECTION 14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME (49 CFR 172.101)	Not DOT regulated
HAZARD CLASS (DOT, IATA)	Not Applicable
HAZARD CLASS (IMO)	Not Applicable
ID NUMBER	Not Applicable
PACKING GROUP	Not Applicable
ADDITIONAL DESCRIPTION	Not Applicable
LABELS REQUIRED	Not Applicable
EMERGENCY RESPONSE GUIDEBOOK NO.	Not Applicable
EmS NUMBER	Not Applicable
REPORTABLE QUANTITY (DOT)	Not Applicable

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SECTION 15. REGULATORY INFORMATION

This product contains the following toxic substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (Emergency Planning and Community Right-To-Know Act) of and of 40 CFR Part 372:

CHEMICAL	CAS NO.	% COMPOSITION (by vol.)
None	Not Applicable	Not Applicable

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 Chemical Substance Inventory List (40 CFR Part 710).

STATE REGULATIONS

The following chemicals are listed by individual states; other specific health and safety data in other sections of this MSDS may also be applicable for state requirements. For more details on specific state regulatory requirements contact the appropriate state agency.

There are no state Right-To-Know ingredients in this product.

SECTION 16. OTHER INFORMATION

NFPA and HMIS Ratings

HEALTH	1	FLAMMABILITY	0	REACTIVITY	0

MSDS No.: 751

Revision #: 7

Revision Date: 2007/03/06

Revisions since last change (discussion): This MSDS has been revised to meet the requirements of the following standards: EEC Directive 2001/58/EC (91/155/EEC), ANSI Z400.1-1993 and Canadian WHMIS and CPR. We do encourage you to take the opportunity to reread the sheet and review the information. This MSDS complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Prepared by: Tech International's Health and Safety Department

The information contained herein is based on data from our raw material suppliers and other sources and is believed to be accurate. This information is provided in compliance with national and local regulations, where applicable, to give warning of actual and assumed hazards, and to inform of generally applicable precautions and control measures which are known to Tech International. Tech International makes no warranty or representation that the information is accurate, reliable, complete or representative and the Buyer may rely on thereon only at Buyer's own risk. Tech International warrants only that it has made no effort to censor, other than trade secret information, or to conceal hazards of its products.

It is the responsibility of the user to comply with all applicable Federal, State and Local laws and regulations.

For 24-hour access to Tech International's MSDS documents:

- Also see www.techtirerepairs.com for latest MSDSs and instructions for use.