

MATERIAL SAFETY DATA SHEET

DATE REVISED: 6/26/2002
 REASON REVISED: New formula
 MSDS No.:SCCLRREV
SEAL CEMENT - CLEAR

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: **SEAL CEMENT CLEAR**
 Product Description: **CONTACT ADHESIVE**
 Product Code: 14116

MANUFACTURER:	24 HR. EMERGENCY TELEPHONE NUMBERS
MCNETT CORPORATION 1411 MEADOR AVENUE BELLINGHAM, WA, USA 98226	Emergency Contact: CHEM*TEL Emergency Phone: 1-800-255-3924 Outside US (Collect) USA 813-248-0585
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2. COMPOSITION/INFORMATION ON INGREDIENTS

	<u>CAS Registry #</u>
Textile Spirits (primarily hexane)	64741-84-0
Acetone	67-64-1
Toluene	108-88-3

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Direct contact with this material may cause eye irritation including tearing and redness. Vapors may cause eye irritation.

SKIN: Contact causes skin irritation. Prolonged or repeated skin contact can result in defatting and drying of the skin.

INGESTION: Accidentally swallowing a small amount is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or lung damage.

INHALATION: Inhalation of vapor or aerosol may cause irritation to the respiratory tract (nose, throat and lungs.) Symptoms seen at air concentrations above the recommended exposure limit may include headaches, dizziness, drowsiness, and other central nervous system effects. Exposure to high concentrations could result in severe respiratory irritation, CNS depression, headache, nausea, liver and kidney damage, and even death.

4. FIRST AID MEASURES

EYES: Move individual away from exposure. Immediately flush eyes with large amounts of clean water for at least 15 minutes. Get immediate medical attention.

SKIN: Clean with rubbing alcohol, followed by soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

INGESTION: Do not induce vomiting. Aspiration hazard. This material may enter the lungs during vomiting. Immediately give the victim one or two glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get immediate medical attention.

INHALATION: Remove victim to fresh air. Keep warm and quiet. If not breathing give artificial respiration. If breathing is difficult, give oxygen by trained personnel. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point & Method-7°F (-21°C) TCC

Autoignition Temp: ND

Upper & Lower Explosive Limits: LEL: 1.27; UEL: 12.8

Extinguishing Media: Foam, CO₂ , dry chemical

FIREFIGHTING PROCEDURES: Aim at base of fire - do not scatter with water. Containers of this material may build up pressure if exposed to heat. Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited.

EXPLOSION HAZARDS: Vapors can form an explosive mixture with air. Vapor can travel to a source of ignition and flash back. Empty containers may retain product residue. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose these containers to heat, flame, sparks, static electricity, or other sources of ignition as the container may explode and may cause injury or death.

HAZARDOUS COMBUSTION PRODUCTS: Combustion will produce toxic and irritant fumes, including carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS: In the event of a release to waterways, remove the material from water surfaces by skimming or using a suitable absorbent. Be aware of potential fire and explosion hazards in surrounding and downwind areas.

SPILLS: Remove ignition sources. Absorb on inert material. Use non-sparking tools. Transfer into secure container for proper disposal. Use personal protective equipment as noted in Section 8.

7. HANDLING AND STORAGE

HANDLING: Avoid ignition sources (flames, pilot lights, electrical sparks.) No Smoking. Use spark-proof tools and explosion-proof equipment. Ground and bond containers when transferring the material to prevent static electricity sparks which could ignite the vapor. Handle and open containers with care. Use with adequate ventilation. Avoid inhalation and contact with eyes, skin and clothing. Wash hands thoroughly after handling and before eating or drinking. Remove and wash contaminated clothing before reuse. An eyewash station and a safety shower should be readily accessible to workers wherever this material is stored or used. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner or properly disposed.

STORAGE: Keep away from ignition sources (flames, pilot lights, electrical sparks, and sparking tools.) No Smoking. Keep container closed when not in use. Store in a cool, well ventilated space away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne concentrations below regulatory and recommended occupational exposure limits. Use explosion-proof ventilation equipment.

PERSONAL PROTECTION

EYES AND FACE: Wear safety glasses with side shields or goggles. Facilities using or storing this material should be equipped with an eyewash station and safety shower.

SKIN: Wear chemical resistant gloves such as nitrile rubber. If splashing is likely, wear impervious clothing and boots to prevent repeated or prolonged skin contact.

RESPIRATORY: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits. Engineering or administrative controls should be implemented to reduce exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Odor: Ketone odor

Appearance: Creamy translucent

Color: Clear

Percent Volatile: @ 70° F, 75%

Vapor Pressure: 36.7-400 mmHg at 20±°C (68±°F)

Vapor Density: 2.0 - 4.0 (Air = 1)

Boiling Point: 37.8°C (100°F)

Solubility in Water: Insoluble in water; soluble in organic solvents

Evaporation Rate: 1.9 - 4.5 (n-Butyl Acetate =1)

Specific Gravity (H₂O): .839

VOC: 5.25#/gal. or 625 g/L

10. STABILITY AND REACTIVITY

STABLE: Stable at normal temperatures and storage conditions.

HAZARDOUS POLYMERIZATION: No

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen; trace of HCl under burning conditions.

INCOMPATIBLE MATERIALS: Strong oxidizers, acids, bases.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: May cause eye irritation.

SKIN EFFECTS: May cause skin irritation. Repeated exposure may cause skin drying and cracking.

REPRODUCTIVE EFFECTS: "WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm"

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Environmental effects have not been determined.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: As hazardous waste in accordance with EPA/RCRA regulations
0 CFR 261.21 (a) (1) ignitability: D001

TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

Hot Hazard: No

Combustible Hot Drum: No

Combustible Class: No

Hazard Class: 3

NA/UN Number: UN1133

Packing Group: II

Reportable Quantity (RQ) Under CERCLA: N/A

U.S. Surface Freight Class: 85

INTERNATIONAL:

International Maritime Organization : ADR/RID Hazard Class 3, 5(b)

Emergency Action Code 3YE

Hazard Identification Number 33

Tremcard 30G3

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 Hazard Categories: This material is classified as an Immediate Health Hazard, Delayed Health Hazard, and Flammability Hazard.

Fire: Yes Pressure Generating: No Reactivity: No Acute: No Chronic: No

313 Reportable Ingredients: Toluene, n-Hexane, Acetone, Xylene

16. OTHER INFORMATION

MANUFACTURER DISCLAIMER:

Information contained herein is furnished without warranty of any kind.

Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and for the safety and health of employees.
