

**MATERIAL SAFETY DATA SHEET
(OSHA 29 CFR 1910.1200)**

Product: Liquid Crak Seal™

SECTION 1: MANUFACTURER'S NAME

JE Tomes & Associates, Inc.
2513 West 140th Place
Blue Island, IL 60406
708-653-5100 phone
708-653-5101 facsimile



Emergency Telephone Number: N/A

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SECTION 2: PRODUCT IDENTIFICATION

Product Name: Liquid Crak Seal™
Code #: C123
Synonyms: Carboxylated Styrene, 1.3 Butadiene Emulsion; Carboxylated SBR Latex
Chemical Name: Anionic Emulsion of Carboxy Modified Styrene, Butadiene Polymer
Chemical Family: Carboxylated Styrene 1.3-Butadiene Latex
CAS Number: 52831-07-9

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

100.0% ROVENE 4041 Emulsion

Containing: Hazardous and/or Regulated components

Chemical Name:	Amount	CAS Number
Ammonia, Aqua	<0.1%	1336-21-6

Non-HAZARDOUS COMPONENTS

Chemical Name:	Amount	CAS Number
Carboxy Modified Styrene Butadiene	49.0-52.0%	52831-07-9
Polymer Water	48.0-51.0%	7732-18-5

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

SECTION 4: HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****

The Health hazards of this product should be low
under normal industrial and commercial use

HMIS Rating:

Health-1, Flammability-0, Reactivity-0
Personal Protection Index-B Safety Glasses & Gloves Recommended

NFPA Rating:

Health-1, Flammability-0, Reactivity-0

Special Hazards-None

NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme) These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and coating Association (for HMIS ratings).

POTENTIAL HEALTH EFFECTS:

EYE: Contact may cause eye irritation. **SKIN:** Prolonged or repeated contact may cause skin irritation. **INHALATION:** Inhalation of vapor or mist can cause the following, headache and nausea, irritation of the eyes, nose, throat, and lungs. **INGESTION:** Ingestion is not considered a potential route of exposure. If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person. **CARCINOGENICITY INFORMATION:** No known cancer hazard. **REPRODUCTIVE HAZARDS:** None known. **MISCELLANEOUS:** Solutions extremely slippery when spilled.

SECTION 5: FIRST AID MEASURES

Eye Contact First Aid: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Skin Contact First Aid: Wash affected area with soap and water. Get medical attention if irritation develops or persists.

Inhalation First Aid: If exposed to excessive levels of fumes, remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.

Ingestion First Aid: Ingestion is not considered a potential route of exposure. If swallowed, immediately give two glasses of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

SECTION 6: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

COC Flash Point: n/a

Autoignition Temperature: n/a

FLAMMABLE LIMITS IN AIR:

LEL: n/a

UEL: n/a

SECTION 7: ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

INITIAL CONTAINMENT:

Keep spectators away. Floor may become slippery. Contain spilled Material. Absorb spills with inert material. Treat or dispose of wasted material in accordance with all local, state/provincial, and national requirements.

Do not allow mater to enter soil or surface water.

LARGE SPILLS PROCEDURE:

Forms smooth, slippery surfaces on floors, posing an accident risk. Wear a self-contained breathing apparatus and appropriate personal protection. (See Exposure controls, personal protection section). Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Avoid runoff into storm sewers and ditches which lead to waterways.

SMALL SPILLS PROCEDURE:

Secure the spill area. Floor may become slippery. Clean up area by absorbent material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

Avoid disposal into waste water treatment facilities.

SECTION 8: HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE:

Minimum: 1.0 C (33.8 F)
Maximum: 49.0 C (120.2 F)

HANDLING (PERSONNEL): Monomer vapors can be evolved when material is heated during processing operations.

HANDLING (PHYSICAL ASPECTS): Keep from freezing. Do not store at temperatures above 49C. Avoid temperatures above 200 C

STORAGE PRECAUTIONS: Keep from freezing. Store in a cool place in original container and protect from sunlight. Keep container closed with not in use.

SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an Eyewash facility and a safety shower.

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

EYE/FACE PROTECTION REQUIREMENTS: Where contact with this material is likely, eye protection is recommended.

SKIN PROTECTION REQUIREMENTS: Selection of specific items such as gloves, boots, apron, or full-body suit will depend on operation. Nitrile rubber and PVC are not suitable protective materials; Neoprene is recommended.

RESPIRATORY PROTECTION REQUIREMENTS: When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

EXPOSURE GUIDELINES: No information available.