

MATERIAL SAFETY DATA SHEET
(OSHA 29 CFR 1910.1200)

Product: **Liquid Crak Seal**

Section 1: Manufacturer's Name

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



Emergency Telephone Number: N/A

Date Prepared: September 23, 2004

Section II: Product Identification

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

Section III: 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 IV: 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 V: 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 VI: 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 VII: 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 VIII: 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 IX: 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.

Section X: Physical and Chemical Properties

Form-----	Liquid
Color-----	White
Odor-----	Slight, Sweet odor
Boiling Point-----	100C @ 17mm Hg
Vapor Pressure-----	17mm Hg @ 20C
Vapor Density-----	<1 (Air=1)
Solubility in Water-----	miscible
Specific Gravity-----	1.0 to 1.2 (Water=1)
Bulk Density-----	n/a
Melting Freezing Point-----	0C
PH-----	8.0-10.0
% Volatiles-----	48-52% @ 100C @ 760 mm Hg

Section XI: Stability and Reactivity

Stability: Materials containing similar structural groups are normally stable.

Polymeriazation: This material is considered stable. Hazardous polymerization will not occur.

Incompatibility with other materials: There are no known materials with are incompatible with this product.

Decomposition: Decomposition will not occur if handled and stored properly. Avoid temperatures above 177C/35-F, the onset of polymer decomposition. Toxic decomposition products may be formed.

Section XII: Toxicological Information

Miscellaneous: Acute Data- No toxicity data are available for this material. The information shown is based on the toxicity of properties of emulsion polymers.

Section XIII: Ecological Information

No information available

Section XIV: Disposal Information

Waste Disposal: Treat or dispose of waste material in accordance with all local, State/providential, and national requirements.

Section XV: Transportation Information

Product Label-----	LIQUID CRAK SEAL
DOT Shipping Name-----	Plastics, Resins or Gums, Liquid
Technical Shipping Name-----	n/a
DOT Hazard Class-----	Non Hazardous
UN Number-----	n/a

Product QU(LBS)-----none
DOT Label-----non hazardous

DOT Placard-----n/a
Bulk Class-----n/a
Package Class-----n/a

Section XVI: Regulatory Information

Miscellaneous Information: This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

This material or all of its components are listed on the Canadian Domestic Substances List (DSL).

This material or all of its components are listed (or considered as having been notified on the European Inventory of Existing Chemical Substances (EINECS).

WHMIS Hazard Symbols: None

EEC Symbols and Indications of Danger: None

R-Phrases: R36/37/38- Irritating to eyes, respiratory system and skin.

S-Phrases: S36/37/39- Water suitable protective clothing, gloves and eye/face protection.

CERCLA Hazardous Substances: AMMONIA, AQUA (136-21-6)-RQ 1000 lb.

Section XVII: Other Information

Reason for Issue: Update Phrases
Prepared By: Stephanie Burgett
Title: Administrative Assistant
Approval Date: September 5, 2006

Additional Information: The data in this Material Safety Data Sheet relates only to the specific material designated herein.

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