B3C Fuel Solutions
108 Daytona Street
Conway, SC 29526
843 347 0482

B3C
Oil Lock SDS

SAFETY DATA SHEET: May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

EFFECTIVE DATE: 7/01/2022

SECTION I CHEMICAL PRODUCT & SUPPLIER'S IDENTIFICATION

Product Name: Mecahnic in a Bottle Oil Lock

Chemical Name: Polymer/BlockpolymerCo-Polymer Mixture

Telephone Number for Information: 843 347 0482

Last Update : 07/01/2022

SECTION II HAZARD IDENTIFICATION

Component Information/Information on Non-Hazardous Components

The components of this product are not regulated as hazardous under 29 CFR and 49 CFR.

Human Health Hazards

None.

Safety Hazards

Electrostatic charges may be generated during handling. Risk of self-ignition of bulk product in dusty conditions and at elevated temperatures.

Environmental Hazards

None.

Other Hazards

Not classified as hazardous.

Special Notes

The product is a synthetic rubber compound which is essentially non-toxic. Material is non-irritating. If polymer dust is generated, they could scratch the eyes and cause minor irritation to the respiratory tract.

HMIS Ratings: Health 0 Fire 1 Reactivity 0

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe *=Chronic Hazard

SECTION III COMPOSITION / INGREDIENT INFORMATION

CAS #	Component	Percent
9003-55-8	Styrene-butadiene-styrene block copolymer	>99 %

SECTION IV FIRST AID MEASURES

First Aid - Eyes

Flush eyes with water.

First Aid - Skin

Flush skin with water.

First Aid - Ingestion

Non-toxic.

Firs Aid - Inhalation

If inhaled, move to source of fresh air. Seek medical attention if symptoms persist.

SECTION V FIRE FIGHTING MEASURES

General Fire Hazards
Not flammable but will burn.

Upper Flammable Limit (UFL):	**NE**
Lower Flammable Limit (LFL):	**NE**
Method Used:	**None**
Flash Point:	**None**
Flammability Classification:	**None**

Hazardous Combustion Products
Carbon monoxide & carbon dioxide
Extinguishing Media
Dry chemical, foam, carbon dioxide, water fog.
Fire Fighting Equipment/Instructions
Firefighters should wear full protective clothing including self contained breathing apparatus,
NFPA Ratings: Health=0 Fire=1 Reactivity=0
Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

SECTION VI ACCIDENTAL RELEASE MEASURES

Personal Precautions
Avoid generating dust.
Clean Up Procedures
Shovel up or use industrial vacuum cleaner and place in a labeled, sealable container for subsequent disposal as required by local, State, Federal, international or country specific regulations.
Evacuation Procedures
None required.
Protective Measures
Wear appropriate personal protective equipment (Section 8) when responding to spills.

SECTION VII HANDLING AND STORAGE

Handling Procedures
Avoid generation of dust. Avoid temperatures above 536° F (280° C) to prevent combustion. Take precautionary measures against electrical static discharge. Ground all equipment.
Storage Procedures
Store in a dry, closed container in a cool, well-ventilated place. Keep away from direct sunlight and other sources of heat or ignition.

SECTION VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

I. General Product Information
The product is not regulated as a hazardous material.

II. Component Exposure Limits
No information is available.

Engineering Controls
Use local exhaust ventilation.
Nuisance Dust TLV
TWA (8 hours) 10 mg/m³
Personal Protective Equipment – Eyes & Face
Safety glasses with side shields or goggles.
Personal Protective Equipment – Skin
Use cloth gloves if desired when handling the product in a manufacturing environment.
Personal Protective Equipment – Respiratory
Use local exhaust where available. Wear a nuisance style dust mask for mild dusty conditions.
Personal Protective Equipment – General
Follow normal safety precautions and maintain good housekeeping. Wash thoroughly after handling.

SECTION IX PHYSICAL & CHEMICAL PROPERTIES

Appearance:	White rubbery powder	**Odor:**	None
Physical State:	**S**olid	**pH:**	n.a. (Insoluble in water)
Flash Point:	None	**Specific Gravity:**	< 1
Solubility (H_2O):	Not soluble	**Bulk Density:**	**300** to 400 kg/m³

SECTION X CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability

Product is stabile under ambient conditions. Oxides exothermically at elevated temperatures.

Chemical Stability: Conditions to Avoid

Avoid contact with strong oxidizing agents. Accumulation of product in areas exposed to elevated temperatures for extended periods in air may result in self-heating and auto-ignition.

Hazardous Decomposition

A variety of thermal decomposition products may be present if the product is over heated or catches fire. These range from hydrocarbons (such as methane & propane) to vapors (such as carbon monoxide CO_2, acrolein, aldehydes and ketones.) Refer to “Handling” in Section 7.

Hazardous Polymerization

None

SECTION XI TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral

Low toxicity, LD50 > 2000 mg/kg

Acute Toxicity - Dermal

Low toxicity, LD50 > 2000 mg/kg

Acute Toxicity - Inhalation

Low toxicity, LD50 not established.

Irritation - Skin

Non-irritating

Irritation - Eye

Non-irritating

Skin Sensitization

Not expected to be a skin sensitizer.

Repeat Dose Toxicity

Repeated exposure does not cause toxic effects

Carcinogenicity

None

Mutagenicity

Not a mutagenic hazard.

The product does not contain any carcinogens as listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Government Industrial Hygienists (ACGIH).

SECTION XII ECOLOGICAL INFORMATION

Mobility

Floats on water. Remains on surface of soil.

Persistence/Degradability

Non-biodegradable.

Bioaccumulation

Does not bioaccumulate.

Acute Toxicity - Fish

Non-toxic LC/EC/IC 50 > 1000 mg/liter

Acute Toxicity - Invertebrates

Non-toxic LC/EC/IC 50 > 1000 mg/liter

Acute Toxicity - Algae

Non-toxic LC/EC/IC 50 > 1000 mg/liter

Acute Toxicity - Bacteria

Non-toxic LC/EC/IC 50 > 1000 mg/liter

B3C OIL LOCK is a high molecular weight polymer which is non-toxic and biologically inactive.

SECTION XIII DISPOSAL CONSIDERATIONS

General Product Information

Product is non-hazardous waste material suitable for approved solid waste landfills or incineration.

Disposal Instructions

Dispose of in accordance with Local, State and Federal regulations.

SECTION XIV TRANSPORTATION INFORMATION

U.S. Department of Transportation Classification

The product is not classified as hazardous under 49 CFR Parts 171-180.

International Air Transportation Association Classification (IATA)

The product is not classified as hazardous.

International Maritime Organization (IMDG)

The product is not classified as hazardous.

UN, IMO, ADR/RID, ICAO Code

The product is not classified as dangerous from conveyance under these codes.

SECTION XV REGULATORY INFORMATION

U.S. Federal Regulations

U.S. Federal – Superfund Amendment & Reauthorization Act (SARA) Title II

Not regulated.

U.S. Federal – Toxic Substances Control Act (TSCA) Inventory Status)

Not regulated.

U.S. State – California Safe Drinking Water Act

Not regulated.

U.S. State – Toxic Enforcement Act (Proposition 65)

Not regulated.

U.S. State – New Jersey Right-To-Know List

Not regulated.

U.S. State – Pennsylvania Right-To-Know List

Not regulated.

Canada – Workplace Hazardous Materials Information System (WHMIS)

"The product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required." This is NOT a WHMIS controlled product.

Europe – EC Classification

Not classified as dangerous.

Component Analysis

SECTION XVI OTHER INFORMATION

Other Information

The information presented in this document is presented in good faith and is believed to be accurate as to the effective date given. However, no warranty, expressed or implied is given. It is the buy's responsibility to ensure that its activities comply with Federal, State or provincial and local laws.