1. IDENTIFICATION

Product Name
Trilene® 67, 77

Identified uses
Reactive plasticizer

Supplier
Lion Copolymer Geismar, LLC
P.O. Box 397
Geismar
Louisiana 70734
USA

Telephone +1 (800) 535-9960
customerservice@lionelastomers.com

Contact Person
Customer Service

Manufacturer
Lion Copolymer Geismar, LLC
36191 Highway 30
Geismar
Louisiana 70734
USA

Emergency Telephone
Chemtrec: +1 703-527-3887

2. HAZARD(S) IDENTIFICATION

Appearance
Amorphous solid

Color
White/off-white

Odor
Characteristic

GHS Pictogram
No pictogram required

GHS Classification
Physical and Chemical Hazards: Not classified
Human Health: Not classified
Environment: Not classified

OSHA Regulatory Status
This product is not hazardous as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene-propylene Ethylidene Norbornene Terpolymer</td>
<td>25038-36-2</td>
<td>&gt;98%</td>
</tr>
</tbody>
</table>
4. FIRST-AID MEASURES

Description of First Aid Measures

Inhalation
Move into fresh air and keep at rest. For breathing difficulties oxygen may be necessary. Get medical attention if any discomfort continues.

Ingestion
Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

Skin Contact
Remove contaminated clothing immediately and wash skin with soap and water. Product in use may be molten. Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

Eye Contact
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persist, seek medical attention and bring these instructions.

Most important symptoms and effects, both acute and delayed

General information
Seek medical attention for all burns, regardless how minor they may seem.

Inhalation
No specific symptoms noted.

Ingestion
No specific symptoms noted.

Eye Contact
No specific symptoms noted.

Indication of any immediate medical attention and special treatment needed

Notes to the Physician
No recommendation give, but first aid may still be required incase of accidental exposure, inhalation, or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

5. FIRE-FIGHTING MEASURES

Auto Ignition Temperature (°C)
Not available.

Flammability Limit – Lower (%)
Not available.

Flash Point (°C)
Not applicable.

Extinguishing Media
Fire can be extinguished using: Water

Hazardous Combustion Products
In case of fire, toxic gases (CO, CO₂, NOₓ) may be formed.

Unusual Fire & Explosion Hazards
SAFETY DATA SHEET
Trilene® 67, 77

No unusual fire or explosion hazards noted.

Specific Hazards
In case of fire, toxic gases may be formed.

Special Fire Fighting Procedures
Avoid breathing fire vapors. NOTE! Use air-supplied respirators to protect against gases/fumes.

Protective Equipment for Fire-Fighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental Precautions
Avoid discharge to the aquatic environment.

Spill Clean Up Methods
For waste disposal, see section 13.

Reference to other sections
Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13. See section 11 for additional information on health hazards.

7. HANDLING AND STORAGE

Handling
Avoid spilling, skin and eye contact.

Storage
Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from: direct light sources, indirect light sources, sunlight (ultraviolet), fluorescent light.

Storage Class
Unspecified storage

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment

Engineering Measures
Provide sufficient ventilation during operations which cause vapor formation.

Respiratory Equipment
In case of inadequate ventilation or when the product is heated, use suitable respiratory equipment with gas filter (type A2).

Hand Protection
Use suitable protective gloves if risk of skin contact.

Eye Protection
Wear approved safety goggles.

Thermal Hazards
The molten product can cause serious burns.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Amorphous solid
Color: White/off-white
Odor: Characteristic
Solubility: Insoluble in water; soluble in organic solvents.

10. STABILITY AND REACTIVITY

Reactivity
No specific reactivity hazards associated with this product.

Stability
Stable under normal temperature conditions and recommended use.

Hazardous Polymerization
Will not polymerize

Conditions to Avoid
Avoid exposure to high temperatures or direct sunlight.

Materials to Avoid
No incompatible groups noted.
Hazardous Decomposition Products
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Toxicological Information
No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
There are no data on the ecotoxicity of this product.

Partition Coefficient
Not applicable

13. DISPOSAL CONSIDERATIONS

Waste Management
This product is not considered to be hazardous waste under the definitions of the EPA and the Resource Conservation and Recovery Act (RCRA). However, any local or state regulation governing the process and disposal of waste should be followed.

Disposal Methods
No specific methods given.

14. TRANSPORT INFORMATION

General
Not regulated

Road Transport Notes
Not regulated

Rail Transport Notes
Not regulated

Sea Transport Notes
Not regulated

Air Transport Notes
Not regulated

15. REGULATORY INFORMATION

US Federal Regulations

SARA Section 302
Extremely Hazardous Substances
***NONE***

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ) in 40CFR302.4 Components present in this product at a level which could require reporting under the statute are:
***NONE***

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (SARA 313). Components present in this product at a level which could require reporting under the statute are:
***NONE***

SARA 311/312 Hazard Categories
Acute Health Hazard
***NONE***
SAFETY DATA SHEET
Trilene® 67, 77

Chronic Health Hazard  ***NONE***
Fire Hazard  ***NONE***
Sudden Release of Pressure Hazard  ***NONE***
Reactive Hazard  ***NONE***

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) and Volatile Organic Compounds (VOCs) (see 40 CFR 61)
This product does not contain any substances regulated as hazardous air pollutants (HAPS) or volatile organic compounds (VOCs) under Section 112 of the Clean Air Act Amendments of 1990

Food and Drug Administration
This product is compliant with the following regulations for indirect food contact:
21CFR175.105 Adhesives
21CFR 177.2600 Rubber articles intended for repeated use

US State Regulations
California Proposition 65  Not listed
New Jersey Right-to-Know  Not listed
Massachusetts Right-to-Know  Not Listed
Pennsylvania Right-to-Know  Not Listed

CONEG (HEAVY METALS)
Based on information provided by our suppliers, the raw materials used in the manufacture of this product contain no toxic heavy metals in concentrations greater than trace levels including lead, mercury, cadmium and hexavalent chromium which are not present in concentrations at or greater than 100 ppm as specified in the CONEG model legislation for Toxics in Packaging.

International Inventories
EU-EINECS/ELINCS
None of the ingredients is listed
Canada – DSL/NDSL
All ingredients are listed or exempt
US – TSCA
All ingredients are listed or exempt
Australia – AICS
All ingredients are listed or exempt
Japan – MITI
All ingredients are listed or exempt
Korea – KECI
All ingredients are listed or exempt
China _IECSC
All ingredients are listed or exempt
Philippines – PICCS
All ingredients are listed or exempt
16. OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

<table>
<thead>
<tr>
<th></th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL</th>
<th>PERSONAL PROTECTION</th>
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<tbody>
<tr>
<td>HEALTH</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>X</td>
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</tbody>
</table>

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

The opinions expressed herein are those of qualified experts within Lion Copolymer Geismar, LLC. We believe that the information contained herein is current as of the date of this safety data sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of Lion Copolymer Geismar, LLC, it is the user’s obligation to determine the conditions of safe use of these products.

Revision Date 30 January 2018

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