



Material: Mosites #651-50Y  
Version 1.0

Revision Date: 3-14-23

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Section 1 Product and Company Identification

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Trade Name	Mosites #651-50Y
Product Group	Neoprene polychloroprene
Manufacturer	Mosites Rubber Company 2720 Tillar Street Fort Worth, Texas 76107 USA
Customer Information	Tel (817) 335-3451, Fax (817) 870-1564 <a href="http://www.mositesrubber.com">www.mositesrubber.com</a>
Emergency Telephone no.	(817) 335-3451
Office hours:	7:30am-5pm CST Monday-Thursday, 8am-3:30pm CST Friday

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Section 2 Hazards Identification

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Potential Health Effects

Eyes	Dust may cause mechanical irritation with tearing, pain or visual impairment.
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Inhalation	May cause nose, throat and lung irritation. Prolonged contact may cause chronic lung disease with altered lung function.
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Repeated exposure Disulfiram	Liver and nervous system effects.
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Target Organs Disulfiram	Central nervous system and liver
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Carcinogenicity	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.
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**Section 3** Composition/information on ingredients

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Component	CAS-No.	Concentration
Poly(2-chloro-1,3-butadiene)	9010-98-4	>91%
Rosin	8050-09-7	<6%
Disulfiram	97-77-8	<2%

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**Section 4** First-aid Measures

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Inhalation	Remove to fresh air. Seek medical attention if irritation persists.
Skin Contact	Wipe away excess material then wash with soap and water. Seek medical attention if irritation persists.
Eye Contact	Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion	If victim is conscious: drink water as a precaution. Consult a physician.
General Advice	When symptoms persist or in all cases of doubt seek medical advice.

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**Section 5** Fire-fighting Measures

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Flammable properties	flash point: >260°C (>500°F) open cup
Fire and Explosion hazards	Burning produces noxious and toxic fumes.
Suitable extinguishing media	Carbon dioxide (CO <sub>2</sub> ), foam, water, dry chemical
Firefighting Instructions	Wear self-contained breathing apparatus and protective suit. Evacuate personal to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.



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**Section 6 Accidental Release Measures**

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Personal precautions

Wear proper protective gear.

Containment

Prevent material from entering drains or water courses.

Methods for clean up

Sweep up to avoid a slipping hazard while observing all environmental regulations.

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**Section 7 Handling and Storage**

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Handling

Protect from contamination. Provide appropriate exhaust ventilation to prevent dust build-up.

Wash hands immediately after handling product.

When using do not eat, drink, or smoke.

Storage

Store in a clean, dry location away from heat or flames.

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**Section 8 Exposure controls and personal protection**

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Ventilation

Mechanical ventilation in confined areas is recommended.

Personal Protective Equipment

Respiratory

not normally required with ventilation

Hand

as required by company policy

Eye

as required by company policy

Hygiene

wash with soap and water after contact

Exposure Guidelines

Exposure Limit Values

Neoprene polychloroprene

TLV (ACGIH)

10 mg/m<sup>3</sup> TWA Inhalable particles

3mg/m<sup>3</sup> TWA Respirable particles

Exposure Limit (OSHA)

5mg/m<sup>3</sup> TWA Respirable fraction

15mg/m<sup>3</sup> TWA Total dust



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Hydrogen chloride (gas)  
TLV (ACGIH) 2ppm TLV-C  
Exposure Limit (OHSA) 5 ppm 7mg/m<sup>3</sup> TLV-C

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Section 9 Physical and Chemical properties

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Form sheets  
Color off-white, tan  
Specific Gravity 1.50 g/cm<sup>3</sup>  
Water solubility insoluble

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Section 10 Stability and Reactivity

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Conditions to avoid Processing temperatures > 200°C (>392°F). Avoid heating for prolonged periods above the upper processing limit.

Incompatibility none reasonably foreseeable

Hazardous decomposition Hydrogen chloride, Carbon monoxide, Sulphur dioxide, Organic acids, Aldehydes, Alcohols

Hazardous reactions During drying, cleaning and molding, small amounts of hazardous gases and/or particulate matter may be released that may irritate eyes, nose and throat.

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Section 11 Toxicological information

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Information  
Poly(2-chloro-1,3-butadiene)  
Oral ALD 20,000 mg/kg, rat

Rosin  
Oral LD50 2,800 mg/kg, rat



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Dermal LD50	>2,000 mg/kg, rat
Skin irritation	non-irritant, rabbit
Skin sensitization	none, human
Repeated dose toxicity	oral, rat
Mutagenicity	none in animals
Reproductive toxicity	none in animals
Teratogenicity	none in animals
Disulfiram	
Dermal LD50	>2,000 mg/kg, rabbit
Oral LD50	1,860 mg/kg, rat
Inhalation 4h LC50	3.464 mg/l, rat
Skin irritation	none, rabbit
Eye irritation	none, rabbit
Repeated dose toxicity	oral, dog
	Target organs, central nervous system and Liver
Carcinogenicity	none in animals
Mutagenicity	none in animals
Reproductive toxicity	none in animals
Teratogenicity	none in animals

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Section 12 Ecological information

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Poly(2-cholo-1,3-butadiene)

This substance is not expected to produce toxic effects.

Disulfiram

48h EC50

Daphnia magna (Water flea) 0.15 mg/l

Rosin

48h EC50

Daphnia magna (Water flea) 911 mg/l

Additional information

No quantitative data exists concerning the ecological effects of this product.



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Section 13 Disposal considerations

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Waste Disposal	Dispose in accordance with all company and local regulations.
Packaging disposal	Dispose of in accordance with all company and local regulations.

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Section 14 Transport information

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This product is not regulated for transport by land, sea or air. This includes: US DOT, Canada TDG Surface, IMDG-Code, and ICAO-TI/IATA-DGR.

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Section 15 Regulatory information

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This product contains no materials known to violate the following regulations:

EINECS  
TSCA  
TSCA 12 (b)  
AICS  
DSL  
ENCS (JP)  
KECI (KR)  
PICCS (PH)  
INV (CN)  
ISHL (JP)  
NZIOC  
NZ HSNO  
CERCLA  
SARA 302 EHS  
SARA 311/312  
SARA 313  
HAPS  
RoHS



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California proposition 65

This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects and reproductive harm.

PA Right to Know

This product contains 1% or more of Rosin and Disulfiram.

NJ Right to Know

This product contains Disulfiram at a concentration of 1% or more.

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Section 16

Other information

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Restrictions for use

Do not use Mosites Rubber Company materials in medical applications involving implantation in the human body or in contact with internal body fluids or tissues.

The information provided in the Safety Data Sheet is correct to the best of our knowledge as of the date of publication. This SDS contains selected regulatory information and is not intended to include all regulations. It is the responsibility of the user to comply with all applicable rules, regulations, and laws relating to the use of this product.