

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations.
 Revision Date: 03/01/2019 Date of issue: 05/16/2018 Supersedes SDS Date: 05/16/2018 Version: 4.0
 Revision Impetus : Text and logo format changes.

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Lokset® & Eclipse® Resin Cartridge

Intended Use of the Product

Reinforced polyester resin anchor

Name, Address, and Telephone of the Responsible Party

USA:

Minova USA Inc.
 150 Summer Court
 Georgetown, KY 40324
 T 502-863-6800

For SDS Requests:

Call 1-855-266-7422 or email sds.na@orica.com

www.minovaglobal.com

Canada:

Minova
 576 Arvin Avenue
 Stoney Creek, ON - Canada L8E 5P1
 T 905-643-1166

Emergency Telephone Number

Emergency Number : For chemical emergencies (24 hour) involving transportation, spill, leak, release, fire or accidents **IN THE U.S. or CANADA call: CHEMTREC 1-800-424-9300, Minova CCN 14730.**

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irrit. 2 H315
 Eye Irrit. 2A H319
 Carc. 1A H350
 STOT RE 1 H372
 Aquatic Acute 2 H401

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H315 – Causes skin irritation.
 H319 – Causes serious eye irritation.
 H335 – May cause respiratory irritation.
 H350 – May cause cancer.
 H372 – Causes damage to organs through prolonged or repeated exposure.
 H401 – Aquatic acute.

Precautionary Statements (GHS-US)

: P261 – Avoid breathing vapors, spray, mist, dust.
 P280 – Wear protective clothing, protective gloves, eye protection.
 P302+P352 – If on skin: Wash with plenty of soap and water.
 P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 – Immediately call a Poison Center or doctor/physician.
 P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313 – If eye irritation persists: Get medical advice/attention.
 P362+P364 – Take off contaminated clothing and wash it before reuse.

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

NFPA Classification System:

NFPA Ratings (Scale 0 – 4), Health Hazard 2 – Hazardous, Fire Hazard 1 – Must be heated to burn, Instability – Stable, Specific Hazard – None



Other Hazards

The components of the product before use are contained in a sealed film cartridge in which exposure to hazards with these components are minimized unless product is damaged or misused. Product if installed correctly in the hole reacts to form a hard plastic composite in which hazards associated with the product before use are minimal after use.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Limestone	(CAS No) 1317-65-3	60 – 100	Eye Irrit. 2B, H320 STOT SE 3, H335
Styrene	(CAS No) 100-42-5	3 – 7	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 1B, H350 STOT SE 3, H335 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Diethylene glycol	(CAS No) 111-46-6	0.5 - 1.5	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
Dibenzoyl peroxide	(CAS No) 94-36-0	0.5 - 1.5	Org. Perox. B, H241 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 1, H400

A range of concentration as prescribed by Controlled Products Regulations has been used where necessary, due to varying composition. Full text of H-phrases: see section 16.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Keep at rest and in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing. Rinse affected area with water. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a doctor/physician.

Ingestion: Rinse mouth. Do NOT induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head positioned between legs to avoid breathing in of vomit, rinse mouth and have victim drink plenty of water. Immediately call a POISON CENTER or doctor/physician. Never give anything by mouth to an unconscious person.

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Most Important Symptoms and Effects Both Acute and Delayed

General: Direct contact with cartridge contents may irritate eyes and skin. Inhalation of high levels of styrene vapor above OSHA Threshold Limit Values not typical during product use may cause upper respiratory tract irritation, dizziness, headaches, and other central nervous system effects.

Inhalation: Causes irritation to the respiratory tract.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Exposure to high levels of styrene vapor through prolonged or repeated exposure not typical during product use may cause cancer and damage to organs. Styrene has been classified by ACGIH, American Conference of Governmental Industrial Hygienists) as a Group 4A – Not classifiable as a human carcinogen. Styrene has been classified by IARC (International Agency for Research on Cancer) as a Group 2B – Possibly Carcinogenic to Humans. Styrene has been classified by NTP (National Toxicology Program) as reasonably anticipated to be a human carcinogen.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Not applicable.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Firefighters should wear full protective gear.

Hazardous Combustion Products: Oxides of carbon and nitrogen. As in all fires toxic and noxious fumes.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes or on skin. Do not breathe vapors.

For Non-Emergency Personnel

Protective Equipment: Use appropriate Personal Protection Equipment (PPE).

Emergency Procedures: Evacuate danger area.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: In the event of a spill or leak of material eliminate ignition sources and ventilate area. Scoop up material and as with all spills, minimize material from entering water systems.

Environmental Precautions

Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

For Containment: Place in suitable container.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Good housekeeping is needed during storage, transfer, handling and use of this material to avoid damage to product. Never add material to this product unless instructed by Minova. The components of the product before use are contained in a sealed film cartridge in which exposure to hazards with these components are minimized unless product is damaged or misused.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store in a dry, cool and ventilated place. Store away from direct sunlight or other heat sources which can reduce products usability and shelf-life.

Specific End Use(s)

Reinforced polyester resin anchor

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Styrene (100-42-5)		
Mexico	OEL TWA (mg/m ³)	215 mg/m ³
Mexico	OEL TWA (ppm)	50 ppm
Mexico	OEL STEL (mg/m ³)	425 mg/m ³
Mexico	OEL STEL (ppm)	100 ppm
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA ACGIH	ACGIH STEL (ppm)	40 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm
USA OSHA	OSHA PEL (Ceiling) (ppm)	200 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	215 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	50 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m ³)	425 mg/m ³
USA NIOSH	NIOSH REL (STEL) (ppm)	100 ppm
USA IDLH	US IDLH (ppm)	700 ppm
Alberta	OEL STEL (mg/m ³)	170 mg/m ³
Alberta	OEL STEL (ppm)	40 ppm
Alberta	OEL TWA (mg/m ³)	85 mg/m ³
Alberta	OEL TWA (ppm)	20 ppm
British Columbia	OEL STEL (ppm)	75 ppm
British Columbia	OEL TWA (ppm)	50 ppm
Manitoba	OEL STEL (ppm)	40 ppm
Manitoba	OEL TWA (ppm)	20 ppm
New Brunswick	OEL STEL (mg/m ³)	170 mg/m ³
New Brunswick	OEL STEL (ppm)	40 ppm
New Brunswick	OEL TWA (mg/m ³)	85 mg/m ³
New Brunswick	OEL TWA (ppm)	20 ppm
Newfoundland & Labrador	OEL STEL (ppm)	40 ppm
Newfoundland & Labrador	OEL TWA (ppm)	20 ppm
Nova Scotia	OEL STEL (ppm)	40 ppm
Nova Scotia	OEL TWA (ppm)	20 ppm
Nunavut	OEL STEL (mg/m ³)	426 mg/m ³
Nunavut	OEL STEL (ppm)	100 ppm
Nunavut	OEL TWA (mg/m ³)	213 mg/m ³
Nunavut	OEL TWA (ppm)	50 ppm
Northwest Territories	OEL STEL (mg/m ³)	426 mg/m ³

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Northwest Territories	OEL STEL (ppm)	100 ppm
Northwest Territories	OEL TWA (mg/m ³)	213 mg/m ³
Northwest Territories	OEL TWA (ppm)	50 ppm
Ontario	OEL STEL (ppm)	100 ppm
Ontario	OEL TWA (ppm)	35 ppm
Prince Edward Island	OEL STEL (ppm)	40 ppm
Prince Edward Island	OEL TWA (ppm)	20 ppm
Québec	VECD (mg/m ³)	426 mg/m ³
Québec	VECD (ppm)	100 ppm
Québec	VEMP (mg/m ³)	213 mg/m ³
Québec	VEMP (ppm)	50 ppm
Saskatchewan	OEL STEL (ppm)	40 ppm
Saskatchewan	OEL TWA (ppm)	20 ppm
Yukon	OEL STEL (mg/m ³)	525 mg/m ³
Yukon	OEL STEL (ppm)	125 ppm
Yukon	OEL TWA (mg/m ³)	420 mg/m ³
Yukon	OEL TWA (ppm)	100 ppm
Limestone (1317-65-3)		
Mexico	OEL TWA (mg/m ³)	10 mg/m ³
Mexico	OEL STEL (mg/m ³)	20 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)
Alberta	OEL TWA (mg/m ³)	10 mg/m ³
British Columbia	OEL STEL (mg/m ³)	20 mg/m ³ (total dust)
British Columbia	OEL TWA (mg/m ³)	10 mg/m ³ (total dust) 3 mg/m ³ (respirable fraction)
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica)
Nunavut	OEL TWA (mg/m ³)	5 mg/m ³ (respirable mass) 10 mg/m ³ (total mass)
Northwest Territories	OEL TWA (mg/m ³)	5 mg/m ³ (respirable mass) 10 mg/m ³ (total mass)
Québec	VEMP (mg/m ³)	10 mg/m ³ (Limestone, containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³
Yukon	OEL STEL (mg/m ³)	20 mg/m ³
Yukon	OEL TWA (mg/m ³)	30 mppcf 10 mg/m ³
Dibenzoyl peroxide (94-36-0)		
Mexico	OEL TWA (mg/m ³)	5 mg/m ³
USA ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³
USA IDLH	US IDLH (mg/m ³)	1500 mg/m ³
Alberta	OEL TWA (mg/m ³)	5 mg/m ³
British Columbia	OEL TWA (mg/m ³)	5 mg/m ³
Manitoba	OEL TWA (mg/m ³)	5 mg/m ³

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

New Brunswick	OEL TWA (mg/m ³)	5 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m ³)	5 mg/m ³
Nova Scotia	OEL TWA (mg/m ³)	5 mg/m ³
Nunavut	OEL STEL (mg/m ³)	10 mg/m ³
Nunavut	OEL TWA (mg/m ³)	5 mg/m ³
Northwest Territories	OEL STEL (mg/m ³)	10 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	5 mg/m ³
Ontario	OEL TWA (mg/m ³)	5 mg/m ³
Prince Edward Island	OEL TWA (mg/m ³)	5 mg/m ³
Québec	VEMP (mg/m ³)	5 mg/m ³
Saskatchewan	OEL STEL (mg/m ³)	10 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	5 mg/m ³
Yukon	OEL STEL (mg/m ³)	5 mg/m ³
Yukon	OEL TWA (mg/m ³)	5 mg/m ³

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Safety glasses. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Safety glasses or chemical goggles as appropriate to prevent eye contact.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator whenever exposure may exceed established Occupational Exposure Limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Black or tan resin mastic with white or red catalyst paste in clear plastic film
Odor	: Styrene
Odor Threshold	: 0.1 ppm as Styrene
pH	: Not applicable
Evaporation Rate	: Not applicable
Melting Point	: Not applicable
Freezing Point	: Not applicable
Boiling Point	: Not applicable
Flash Point	: Not applicable as material is classified as a solid
Auto-ignition Temperature	: Not applicable
Decomposition Temperature	: Do not store above 100°F or 38°C which will reduce products usability and shelf-life
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: Not applicable
Upper Flammable Limit	: Not applicable
Vapor Pressure	: Not applicable
Relative Vapor Density at 20 °C	: Not applicable
Relative Density	: Not applicable

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Specific Gravity	: Not applicable
Solubility	: Negligible
Partition Coefficient: N-Octanol/Water	: Not applicable
Viscosity	: Components are mastics and pastes
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Product is designed to have the two components be mixed in the hole and react to form a solid.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous reactions will not occur under normal conditions.

Conditions to Avoid: Do not store above 100°F (38°C) and direct sunlight as this will reduce product's usability and shelf-life.

Incompatible Materials: Not applicable.

Hazardous Decomposition Products: Other nitrogen compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not toxic based on mixture ingredients

LD50 and LC50 Data: Refer to individual mixture ingredients

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: No

Germ Cell Mutagenicity: Not available

Teratogenicity: Not available

Carcinogenicity: Exposure to high levels of styrene through prolonged or repeated exposure may cause cancer. Styrene has been classified by ACGIH, American Conference of Governmental Industrial Hygienists) as a Group 4A – Not classifiable as a human carcinogen. Styrene has been classified by IARC (International Agency for Research on Cancer) as a Group 2B – Possibly Carcinogenic to Humans. Styrene has been classified by NTP (National Toxicology Program) as reasonably anticipated to be a human carcinogen.

Specific Target Organ Toxicity (Repeated Exposure): Exposure to high levels of styrene through prolonged or repeated exposure may damage organs.

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Irritation to the respiratory tract.

Symptoms/Injuries After Skin Contact: Causes skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation. May lead to eye damage if not treated.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Refer to Carcinogenicity and Specific Target Organ Toxicity. Effects are dependent on exposure to high levels of styrene through prolonged or repeated exposure.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Styrene (100-42-5)	
LC50 Inhalation Rat	11.7 mg/l/4h
Diethylene glycol (111-46-6)	
LD50 Oral Rat	1120 mg/kg
LD50 Dermal Rabbit	11890 mg/kg
Styrene (100-42-5)	
IARC Group	2B
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Dibenzoyl peroxide (94-36-0)	
IARC Group	3

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Styrene (100-42-5)	
LC50 Fish 1	3.24 - 4.99 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	3.3 - 7.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	19.03 - 33.53 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
NOEC (acute)	44 mg/kg (Exposure time: 14 Days - Species: Eisenia foetida [soil dry weight])
Diethylene glycol (111-46-6)	
LC50 Fish 1	75200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	84000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Persistence and Degradability Not available

Bioaccumulative Potential

Styrene (100-42-5)	
BCF Fish 1	13.5
Log Pow	2.95
Diethylene glycol (111-46-6)	
BCF Fish 1	100 - 180
Log Pow	-1.98 (at 25 °C)

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of material in accordance with all applicable federal, state/provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

SECTION 14: TRANSPORT INFORMATION

- 14.1. In Accordance with DOT** Not regulated for transport
- 14.2. In Accordance with IMDG** Not regulated for transport
- 14.3. In Accordance with IATA/ICAO** Not regulated for transport
- 14.4. In Accordance with TDG** Not regulated for transport

National Motor Freight Classification

NMFC Name: Resin Compound **NMFC Number:** 46030 Class: 55

Tariff Classification Number: 3907.91.5000

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Lokset® & Eclipse® Resin Cartridge	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard
Styrene (100-42-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313	
SARA Section 313 - Emission Reporting	0.1 %
Limestone (1317-65-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Diethylene glycol (111-46-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.
Dibenzoyl peroxide (94-36-0)	
SARA Section 313 - Emission Reporting	1.0 %

US State Regulations

U.S. - California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of California to cause cancer.
--	--


Styrene (100-42-5)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

Limestone (1317-65-3)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Diethylene glycol (111-46-6)
U.S. - Pennsylvania - RTK (Right to Know) List

Dibenzoyl peroxide (94-36-0)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

Canadian Regulations

Lokset® & Eclipse® Resin Cartridge	
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
	

Styrene (100-42-5)	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 0.1 %	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class F - Dangerously Reactive Material

Limestone (1317-65-3)	
Listed on the Canadian NDSL (Non-Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

Diethylene glycol (111-46-6)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Dibenzoyl peroxide (94-36-0)	
IDL Concentration 1 %	
WHMIS Classification	Class C - Oxidizing Material Class F - Dangerously Reactive Material Class D Division 2 Subdivision B - Toxic material causing other toxic effects

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date	: 03/01/2019
Other Information	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and the Hazardous Products Regulations (WHMIS 2015).

GHS Full Text Phrases: Based on individual ingredients. Refer to Section 2: Hazardous identification for the Substance or Mixture.

Acute Tox. 2 (Inhalation: vapor)	Acute toxicity (inhalation: vapor) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Inhalation: vapor)	Acute toxicity (inhalation: vapor) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1A	Carcinogenicity Category 1A
Carc. 1B	Carcinogenicity Category 1B
Comb. Dust	Combustible Dust
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Org. Perox. B	Organic Peroxide Category B
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
Comb. Dust	May form combustible dust concentrations in air
H241	Heating may cause a fire or explosion
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H330	Fatal if inhaled
H332	Harmful if inhaled

Lokset® & Eclipse® Resin Cartridge

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

H335	May cause respiratory irritation
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Party Responsible for the Preparation of This Document

Minova USA Inc. SHES Department

Phone Number: 1-502-863-6800

All information contained herein and in any supporting documents is provided for informational purposes only and is as accurate and up-to-date as possible at the time of publication. Since Orica and its related entities cannot anticipate or control the conditions under which this information may be used, users must review this information in the specific context of the intended application and must make their own determinations as to the suitability of this information for such users' purposes. To the maximum extent permitted by law, nothing contained herein and in any supporting documents shall be deemed to be an express or implied warranty, and Orica expressly disclaims all warranties and representations, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Orica will not be responsible for any loss whatsoever resulting from any use or reliance upon this information.

North America GHS US 2012 & WHMIS 2