



Adhesive for soundproofing membranes, engineered wood, parquet and vinyl flooring

1. IDENTIFICATION

Product name:	MSL S-63
Product code:	MSL S-63
Product type:	Water based adhesive
Recommended Use:	See the Installation Guide
Manufactured by:	Private label for MSL Montreal, Quebec Canada
Emergency contact number:	CANUTEC (613) 996-6666
Telephone for information:	(514) 636-6230


2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status: This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin sensitization	Category 1
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Label elements

Signal Word	Warning
Hazard Statements	May cause an allergic skin reaction
	
Appearance: Green	Physical State: Liquid
	Odor: None

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves / protective clothing / eye protection / face protection
Avoid breathing dust / fume / gas / mist / vapors / spray
Contaminated work clothing must not be allowed out of the workplace

Precautionary Statements - Response

If exposed or concerned: Get medical advice / attention
Specific treatment (see section 4 on this SDS)
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice
If on skin: Wash with plenty of water and soap
If skin irritation or rash occurs: Get medical advice / attention
Wash contaminated clothing before reuse

Precautionary Statements - Storage

Keep from freezing

Precautionary Statements - Disposal

Dispose of in accordance with federal, state and local regulations

Hazards not otherwise classified (HNOC)

None under normal processing

Other Information

Unknown acute toxicity 18 % of the mixture consists of ingredient(s) of unknown toxicity



3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Components	CAS No.	Weight-%	Trade Secret
Limestone	1317-65-3	15 - 30 %	*
1,2-Propylene glycole	57-55-6	1 - 5 %	*
Diethanolamine	111-42-2	< 1.0 %	*
Quartz	14808-60-7	< 1.0 %	*
3 (2H)-Isothiazolone, 5-chloro-2-methyl-	26172-55-4	< 0.1 %	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with soap and plenty water. Take off contaminated clothing and wash before reuse. In the case of skin irritation or allergic reactions, see a physician.
Inhalation	Move to fresh air.
Ingestion	None under normal use conditions. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and surrounding environment.

Unsuitable Extinguishing Media Specific test data for the substance or mixture is not available.

Specific Hazards Arising from the Chemical

Do not allow run-off from fire-fighting to enter drains or water courses. Dried product is capable of burning. Sealed containers may rupture when heated.

Explosion Data

Sensitivity to mechanical impact None
Sensitivity to static discharge None

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protection equipment. Ensure adequate ventilation. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information

Methods and material for containment and leaning up

Methods for Cleaning Up Pick up and transfer to properly labeled containers. Prevent environmental discharge consistent with regulatory requirements. Disposal should be in accordance with applicable regional, national and local laws and regulations.



7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a cool, well-ventilated place. Keep from freezing.
Incompatible Products WATER REACTIVE MATERIALS.

8. EXPOSURECONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA - WEEL
Limestone 1317-65-3	-	TWA: 15 mg / m ³ TWA: 5 mg / m ³ (vacated) TWA: 15 mg / m ³ (vacated) TWA: 5 mg / m ³	TWA: 10 mg / m ³ TWA: 5 mg / m ³	-
1, 2-Propylene glycol 57-55-6	TWA: 10 mg / m ³	-	-	10 mg / m ³ TWA
Diethanolamine 111-42-2	TWA: 1 mg / m ³ Skin	(vacated) TWA: 3 ppm (vacated) TWA: 15 mg / m ³	TWA: 3 ppm TWA: 15 mg / m ³	-
Quartz 14808-60-7	TWA: 0.025 mg / m ³	(vacated) TWA: 0.1 mg / m ³	IDLH: 50 mg / m ³ TWA: 0.05 mg / m ³	-

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Avoid contact with eyes. Eye protection.
Skin and Body Protection Wear protective gloves/protective clothing.
Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid
Odor Odorless
Appearance Beige
Odor Threshold No data available
Color Beige

Property	Values	Remarks • Method
pH	7.5 - 8.5	
Melting point / freezing point	No information available	
Boiling point / Boiling range	Specific test data for the substance or mixture is not available	
Flash point	Specific test data for the substance or mixture is not available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability limit in air		
Upper explosive limits	Specific test data for the substance or mixture is not available	
Lower explosive limits	Specific test data for the substance or mixture is not available	
Vapor pressure	Negligible	
Vapor density	Specific test data for the substance or mixture is not available	
Specific gravity	1.15 ± 0.02	



9. PHYSICAL AND CHEMICAL PROPERTIES (suite)

Property	Values	Remarks • Method
Water solubility	Miscible with water	
Solubility in other solvents	Specific test data for the substance or mixture is not available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	70 - 75 M cps	
Explosive properties	No information available	
Oxidizing properties	No information available	
Other Information		
Softening point	Specific test data for the substance or mixture is not available	
Solids	37 ± 1.5 %	
Water content	63 ± 1.5 %	

10. STABILITY AND REACTIVITY

Reactivity

None under normal processing

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Excessive heat.

Incompatible Materials

WATER REACTIVE MATERIALS.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	May cause irritation of respiratory tract.
Eye Contact	Contact with eyes may cause irritation.
Skin Contact	Repeated exposure may cause skin dryness or cracking.
Ingestion	Not an expected route of exposure. May be harmful if swallowed.

Components	Oral LD50	Dermal LD50	Inhalation LC50
1, 2-Propylene glycol 57-55-6	= 20 g / kg (Rat)	= 20800 mg / kg (Rabbit)	-
Diethanolamine 111-42-2	= 0.62 mL / kg (Rat)	-	-
Quartz 14808-60-7	= 500 mg / kg (Rat)	-	-
3 (2H)-Isothiazolone, 5-chloro-2-methyl- 26172-55-4	= 481 mg / kg (Rat) = 53 mg / kg (Rat)	-	= 1.23 mg / L (Rat) 4 h

Information on toxicological effects

Symptoms	Specific test data for the substance or mixture is not available
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	May cause sensitization in susceptible persons.
Mutagenic Effects	Specific test data for the substance or mixture is not available.
Carcinogenicity	The table next page indicates whether each agency has listed any ingredient as a carcinogen.



11. TOXICOLOGICAL INFORMATION (suite)

Components	ACGIH	IARC	NTP	OSHA
Diethanolamine 111-42-2	A3	Group 2B	-	X
Quartz 14808-60-7	A2	Group 1	Known	X

Reproductive Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration Hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document.
 ATEmix (dermal) 73,913.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

20.574342 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Components	Algae/aquatic plants	Toxicity to Fish	Daphnia Magna (Water Flea)
1,2-Propylene glycol 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	1000: 48 h Daphnia magna mg/L EC50 Static
Diethanolamine 111-42-2	7.8: 72 h Desmodosmus Subspicatus mg/L EC50 2.1 - 2.3: 96 h Pseudokirchneriella subcapitata mg/L EC50	4460 - 4980: 96 h Pimephales promelas mg/L LC50 flow-through 1200 - 1580: 96 h Pimephales promelas mg/L LC50 static 600 - 1000: 96 h Lepomis macrochirus mg/L LC50 static	55: 48 h Daphnia magna mg/L EC50
3(2H)-Isothiazolone, 5-chloro-2-methyl- 26172-55-4	0.11 - 0.16: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	1.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	4.71: 48 h Daphnia magna mg/L EC50 0.12 - 0.3: 48 h Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static

Persistence and Degradability

No information available.

Bioaccumulation/Accumulation

No information available.

Components	log Pow
Diethanolamine 111-42-2	-2.18
3(2H)-Isothiazolone, 5-chloro-2-methyl- 26172-55-4	-0.71 - 0.75

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Methods Dispose of in accordance with federal, state and local regulations.
Contaminated Packaging Do not reuse empty containers.



14. TRANSPORT INFORMATION

DOT Not regulated.
IATA Not regulated.
IMDG/IMO Not regulated.

15. REGULATORY INFORMATION

TSCA 8(b) All components are listed or exempt
DSL All components are listed or exempt

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard No
Chronic Health Hazard Yes
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Components	Weight - %	HAPS data
Diethanolamine 111-42-2	< 1.0 %	Present
Styrene 100-42-5	< 0.1 %	Present
1, 3-Butadiene 106-99-0	< 0.1 %	
1, 4-Dioxane 106-99-0	< 0.1 %	Present
Ethylene 75-21-8	< 0.1 %	Present
Acetaldehyde 75-07-0	< 0.1 %	Present

CWA (Clean Water Act)

See information supplied by the manufacturer

CERCLA

See information supplied by the manufacturer

US State Regulations

California Proposition 65

This product contains (a) Proposition 65 chemical(s) Ethyl Benzene is a volatile impurity in Styrene and trace levels may be present in any Styrene based material

Components	California Proposition 65
Diethanolamine - 111-42-2	Carcinogen
Quartz - 14808-60-7	Carcinogen
1,3-Butadiene - 106-99-0	Carcinogen Developmental Female Reproductive Male Reproductive
1,4-Dioxane - 123-91-1	Carcinogen
Ethylene oxide - 75-21-8	Carcinogen Developmental Female Reproductive Male Reproductive
Acetaldehyde - 75-07-0	Carcinogen



15. REGULATORY INFORMATION (suite)

U.S. EPA Label Information

EPA Pesticide Registration Number No data available

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
HMIS / WHMIS	Health Hazard 1	Flammability 0	Physical hazards 0	Personal Precautions X
Revision Date	01- August-2018			
Revision Note	No information available			

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet