

MATERIAL SAFETY DATA SHEET

Name: 156650 MULCO

SECTION 1 - PRODUCT IDENTIFICATION & COMPANY INFORMATION

MSDS Number 156650
Product Name 156650 MULCO
Company identification SICO INC.
2505 De la Metropole
Longueuil QC J4G 1E5
CANADA
Contact Service au client/Customer Service/Servicio con cliente
Telephone 450 442-7999 (8:00-17:00)
Fax number 450 646-7699
Prepared by Regulatory Department
Regulatory telephone 514 495-5710 (8:00-17:00)
Emergency contact CANUTEC
Emergency telephone 613 996-6666 (24H)
Type of product SOLVENT BASED SEALANT

SECTION 2 - COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name	CAS #	Concentration (w/w)
NATURAL GROUND CALCIUM CARBONATE (pw 18)	1317-65-3	30-60%
STODDARD NAPHTHA	8052-41-3	5-10%
NAPHTHA (middle aliphatic fraction)	64742-88-7	1-5%
METHYL ALCOHOL	67-56-1	0.1-1.0%
TITANIUM DIOXIDE (pig white 6)	13463-67-7	0.1-1.0%

SECTION 3 - HAZARDS IDENTIFICATION

EYE CONTACT

The material is highly irritating and may cause tearing, reddening and burning..
The effects are usually reversible.

SKIN CONTACT

The material is moderately irritating. Repeated or prolonged contact increases the

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irritation.

INHALATION HAZARDS

Toxic.

Moderately irritating for the nose, throat, upper respiratory track and lungs. An exposure to the vapors of spray mist can give headaches, affect the central nervous system and cause dizziness, nausea and narcotic effects.

INGESTION HAZARDS

Do not swallow.

May cause respiratory problems.

May cause nausea, vomiting, diarrhea, gastro-intestinal irritation and ulceration.

Toxic.

TARGET ORGANS

Central nervous system.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Seek immediate medical attention.

SKIN CONTACT

Wash the skin thoroughly with plenty of lukewarm water using a mild and non-abrasive soap.

Remove contaminated clothes and wash them before reuse.

INHALATION

Remove the victim to fresh air.

If breathing has stopped, give artificial respiration.

If breathing is difficult, oxygen should be administered.

Seek medical attention.

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INGESTION

Never give anything by mouth if the victim is semi, unconscious or convulsing.

Do not induce vomiting unless directed to do so by medical personnel.

Seek immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point: 42 °C (107.6 °F) Tag Closed Cup

Lower flam. limit (%): .5

Upper flammable limit (%): 7

Auto Ignition Point: 243 °C (469.4 °F)

FLAMMABLE PROPERTIES

Combustible product.

Irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Closed containers of this material may build up pressure if exposed to intense heat and may explode. .

HAZARDOUS COMBUSTION PRODUCTS

Carbon monoxide

Carbon dioxide

Other unidentified compounds.

EXTINGUISHING MEDIA

Chemical foam

Carbon dioxide (CO2)

Dry chemical

FIRE FIGHTING INSTRUCTIONS

Wear a self-sufficient breathing apparatus.

Wear protective clothes.

Evacuate all persons from the fire area to a safe location. If fire is small, uses an extinguisher and ensures you an exit. If fire grows bigger quickly, leave

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immediately.

SECTION 6 - MEASURES FOR ACCIDENTAL SPILL OR RELEASE

CONTAINMENT

Prevent this product or the wash waters from entering the water system or sewers.

CLEAN-UP

Remove all sources of ignition.

Ventilate the area.

Transfer the absorbed material into a waste container.

Do not dilute with water.

REPORTING

For Canadian, report to the applicable Provincial Environment Ministry.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Avoid breathing the vapors or spray mist.

Avoid contact with eyes.

Avoid repeated or prolonged contact with the skin.

Harmful if swallowed.

Handle as a toxic material.

STORAGE

Keep the storage area clean, separated from crowded areas and cafeterias.

Keep the containers tightly closed.

Store in a cool, dry and well-ventilated area.

Keep away from heat, sparks and flame.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

CAS #	Authority	Type	Dose
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1317-65-3	ACGIH	TLV	10 mg/M3
	OSHA	PEL	5 mg/M3
8052-41-3	ACGIH	TLV	100 PPM
	ACGIH	TLV-C	125 PPM
	OSHA	PEL	100 PPM
64742-88-7	ACGIH	TLV	100 PPM
67-56-1	ACGIH	STEL	250 PPM
	ACGIH	TLV	200 PPM
	OSHA	PEL	200 PPM
	OSHA	STEL	250 PPM
13463-67-7	ACGIH	TLV	10 mg/M3
	OSHA	PEL	15 mg/M3

ENGINEERING CONTROLS

Provide sufficient ventilation to maintain the exposure levels below the limits.
Keep away from food, drinks and tobacco.

RESPIRATORS

Avoid breathing vapors or spray mist.
Use a dust particle mask when sanding.
No mask required if airborne concentrations are maintained below the exposure limit.
If the exposure levels are exceeded, use an organic vapor canister mask.

OTHER CLOTHING

DO NOT WEAR contact lenses when working with paints and paint related materials..

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form:	Paste.
Color:	Colored or white.
Odor:	Solvents.
Odor threshold (ppm):	Not available
Partition coef. oil/ water:	Not available
pH:	Not applicable
Freezing Point:	Not available

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Boiling temperature: 155 °C (311 °F)
Evaporation rate: Slower than n-Butyl Acetate
Vapor pressure at 20°C: 0 mm Hg < vapour pressure < 50 mm Hg
Vapor Density: Heavier than air
Volatiles by weight (%): 10.25
Volatiles by Volume (%): 18.39
Specific gravity (kg/L): 1.43
Coating VOC (g/L): 145.8

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID

Sparks
Flame
High heat

SENSIBILITY TO STATIC DISCHARGE

No

SENSITIVITY TO MECANICAL SHOCK

No

INCOMPATIBILITY WITH OTHER MATERIALS

Strong oxidizing material

HAZARDOUS DECOMPOSITION PRODUCTS

Not available

SECTION 11 - TOXICOLOGICAL INFORMATION

CAS #	Exposure Route	Species	Dose
8052-41-3	LD50 Oral	Rat, adult	5000 mg/kg
	LC50 Inhalation	Rat, adult	952 PPM
	LCLo Inhalation	Cat, adult	10000 PPM

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64742-88-7	LD50	Oral	Rat, adult	5000 mg/kg
	LD50	Skin	Rat, adult	3000 mg/kg
	LC50	Inhalation	Rat, adult	5500 mg/M3
67-56-1	LD50	Oral	Rat, adult	5628 mg/kg
	LD50	Skin	Rabbit, adult	20000 mg/kg
	LDLo	Oral	Human	143 mg/kg
	LDLo	Skin	Monkey	393 mg/kg
	TDLo	Oral	Man	3429 mg/kg
	LC50	Inhalation	Rat, adult	64000 PPM
	LCLo	Inhalation	Monkey	1000 PPM
	TCLo	Inhalation	Human	300 PPM
13463-67-7	LD50	Oral	Rat, adult	24000 mg/kg
	LD50	Skin	Rabbit, adult	10000 mg/kg

CARCINOGENICS EFFECTS

The titanium dioxide CAS # 13463-67-7 is possible human carcinogen (groupe 2B) according to the IARC.

MUTAGENIC EFFECTS

No recorded data was found.

TERATOGENIC EFFECTS

No recorded data was found.

DEVELOPMENTAL EFFECTS

No recorded data was found.

CHRONIC EFFECTS

No recorded data was found.

SECTION 12 - ECOLOGICAL INFORMATION

SECTION 13 - DISPOSAL CONSIDERATIONS

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Dispose in accordance with applicable Federal, Provincial, state and municipal regulations.

SECTION 14 - TRANSPORT INFORMATION

TDG UN Number	1133
TDG Class	3
TDG Packing group	III
IMDG UN Number	1133
IATA UN Number	1133
Shipping name	ADHESIVES

Note: For containers of 450 Litres or less, EXEMPTED from Transport of Dangerous Goods by Road according to exemption of article 1.33.

SECTION 15 - REGULATORY INFORMATION

HMIS Health Code	1 - Slight Hazard
HMIS Fire Code	2 - Moderate Hazard
HMIS Reactivity Code	1 - Slight Hazard
HMIS Personal Protection	H: splash goggles, gloves, synthetic apron and a vapor respirator.

WHMIS CLASS

B3 - Combustible liquids
D2B - Toxic materials causing other toxic effects

WHMIS FORMAT

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of 16 headings instead of 9.

SECTION 16 - OTHER INFORMATION

The manufacturer hereby declares that the information disclosed herein have been based on our raw material suppliers' data, information and notification. Such raw materials are being used as components in the manufacturing of the product. The manufacturer has no control over the nature and content of such information. The

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