

MATERIAL SAFETY DATA SHEET

Name: 137010 MULCO

SECTION 1 - PRODUCT IDENTIFICATION & COMPANY INFORMATION

MSDS Number 137010
Product Name 137010 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 WATER BASED SEALANT

SECTION 2 - COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name	CAS #	Concentration (w/w)
TITANIUM DIOXIDE (pig white 6)	13463-67-7	1-5%
SILICA (amorphous fumed)	112945-52-5	1-5%
PROPYLENE GLYCOL	57-55-6	1-5%
ETHYLENE GLYCOL	107-21-1	0.1-1.0%

SECTION 3 - HAZARDS IDENTIFICATION

EYE CONTACT

The material is slightly irritating.
The effects are usually reversible.

SKIN CONTACT

The material is slightly irritating.

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INHALATION HAZARDS

Slightly irritating for the nose and throat.

INGESTION HAZARDS

Do not swallow.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT

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

SKIN CONTACT

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

INHALATION

Remove the victim to fresh air.

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:	Not applicable
Lower flam. limit (%):	Not applicable
Upper flammable limit (%):	Not applicable
Auto Ignition Point:	Not applicable

FLAMMABLE PROPERTIES

Nonflammable product.

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

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and may explode. .

HAZARDOUS COMBUSTION PRODUCTS

Carbon dioxide

Other unidentified compounds.

Carbon monoxide

EXTINGUISHING MEDIA

Carbon dioxide (CO2)

Dry chemical

Fine spray or drizzle of water.

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 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

Ventilate the area.

Transfer the absorbed material into a waste container.

REPORTING

For Canadian, report to the applicable Provincial Environment Ministry.

SECTION 7 - HANDLING AND STORAGE

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HANDLING

Avoid contact with eyes.
Avoid repeated or prolonged contact with the skin.

STORAGE

Keep the containers tightly closed.
Store in a cool, dry and well-ventilated area.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

CAS #	Authority	Type	Dose
13463-67-7	ACGIH	TLV	10 mg/M3
	OSHA	PEL	15 mg/M3
112945-52-5	ACGIH	TLV	2 mg/M3
	OSHA	PEL	2 mg/M3
107-21-1	ACGIH	TLV	50 PPM
	ACGIH	TLV-C	50 PPM
	OSHA	PEL	125 mg/M3

ENGINEERING CONTROLS

Keep away from food, drinks and tobacco.

RESPIRATORS

Avoid breathing vapors or spray mist.
Use a dust particle mask when sanding.

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: Characteristic.
Odor threshold (ppm): Not available

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Partition coef. oil/ water: Not available
pH: Not available
Freezing Point: $-10^{\circ}\text{C} < X < -5^{\circ}\text{C}$
Boiling temperature: Initial 100°C
Evaporation rate: Slower than n-Butyl Acetate
Vapor pressure at 20°C : $0\text{ mm Hg} < \text{vapour pressure} < 50\text{ mm Hg}$
Volatiles by weight (%): 38.96
Volatiles by Volume (%): 44.61
Specific gravity (kg/L): 1.14
Coating VOC (g/L): 36.3

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID

High heat

SENSIBILITY TO STATIC DISCHARGE

No

SENSITIVITY TO MECANICAL SHOCK

No

HAZARDOUS DECOMPOSITION PRODUCTS

Not available

SECTION 11 - TOXICOLOGICAL INFORMATION

CAS #	Exposure Route	Species	Dose
13463-67-7	LD50 Oral	Rat, adult	24000 mg/kg
	LD50 Skin	Rabbit, adult	10000 mg/kg
112945-52-5	LDLo Intratracheal	Rat, adult	10 mg/kg
	LD50 Oral	Rat, adult	3160 mg/kg
	LD50 Intravenous	Rat, adult	15 mg/kg
	TCLo Inhalation	Rat, adult	50 mg/M3

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57-55-6	LD50	Oral	Rat, adult	20000 mg/kg
	LD50	Subcutaneous	Rat, adult	22500 mg/kg
	LC50	Inhalation	Rat, adult	105 PPM
	TDLo	Oral	Child	79000 mg/kg
107-21-1	LD50	Oral	Rat, adult	4700 mg/kg
	LD50	Skin	Rabbit, adult	19500 mg/kg
	LDLo	Oral	Human	398 mg/kg
	TDLo	Oral	Rat, adult	12500 mg/kg
	LC50	Inhalation	Rat, adult	5450 mg/M3
	TCLo	Inhalation	Human	10000 mg/M3

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

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

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SECTION 14 - TRANSPORT INFORMATION

TDG UN Number	NR
TDG Class	NR
TDG Packing group	NR
Shipping name	NOT REGULATED

SECTION 15 - REGULATORY INFORMATION

HMIS Health Code	1 - Slight Hazard
HMIS Fire Code	0 - Minimal Hazard
HMIS Reactivity Code	0 - Minimal Hazard
HMIS Personal Protection	B: safety glasses and gloves.

WHMIS CLASS

D2A - Very 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 manufacturer fully reproduces all the information it holds on the constituent of the product, at the time it is manufactured. The manufacturer does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. By this data sheet, the manufacturer hereby discloses all the potential dangers it has knowledge of and which might be related to the using or manipulation of the product in order to allow the proper care to be brought and use with regard to the product. Materials used may present unknown hazards and should be used with caution. Although certain hazards are described herein, we

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cannot guarantee that these are the only hazards which exist and notification is hereby given to the user. The product must be handled with care and it is recommended to use all the required measures in order to ensure the protection and safety of any person using or handling the product. Notice is hereby given that injury can derive therefrom if the foregoing is not respected. The manufacturer assumes no responsibility for personal and/or material damage, lost or injury of whichever nature caused or which may occur following the wrongful, inappropriate, negligent or abusive use or handling of the product or from not having read the herein contained information.