

MATERIAL SAFETY DATA SHEET

Name: 141000 MULCO

SECTION 1 - PRODUCT IDENTIFICATION & COMPANY INFORMATION

MSDS Number 141000
Product Name 141000 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)
NAPHTHA HYDROTREATED (heavy fraction C6-C13)	64742-48-9	30-60%
XYLENE (mix isomers o,m,p and ethyl benzene)	1330-20-7	10-30%
HYDROGENATED STYRENE/BUTADIENE COPOLYMER	66070-58-4	10-30%
STYRENE-ETHYLENE-PROPYLENE COPOLYMER	68648-89-5	10-30%

SECTION 3 - HAZARDS IDENTIFICATION

EYE CONTACT

The material is a severe irritant 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 irritation.

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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: Tag Closed Cup
Flash point: 28 °C (82.4 °F)
Lower flammable limit (%): .5
Upper flammable limit (%): 7
Auto Ignition Point: 530 °C (986 °F)

FLAMMABLE PROPERTIES

Flammable product.
Vapors may form, with air, an explosive mixture between lower and upper flammable limits.
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
Fine spray or drizzle of water.
CAUTION: Water in a jet may disperse fire.

FIRE FIGHTING INSTRUCTIONS

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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

Remove all sources of ignition.

Ventilate the area.

Transfer the absorbed material into a waste container.

Handle as a highly flammable liquid.

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.

Keep away from freezing, high heat and sources of ignition.

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

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

CAS #	Authority	Type	Dose
64742-48-9	OSHA	PEL	400 PPM
1330-20-7	ACGIH	STEL	150 PPM
	ACGIH	TLV	100 PPM
	ACGIH	TLV-C	150 PPM
	OSHA	PEL	100 PPM
	OSHA	STEL	150 PPM
66070-58-4	ACGIH	TLV	3 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:	-48 °C (-54.4 °F)

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Boiling temperature: 139 °C (282.2 °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 (%): 65.24
Volatiles by Volume (%): 68.67
Specific gravity (kg/L): .83
Coating VOC (g/L): 543.3

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID

Sparks
Flame
High heat

SENSIBILITY TO STATIC DISCHARGE

Yes

SENSITIVITY TO MECANICAL SHOCK

Yes

INCOMPATIBILITY WITH OTHER MATERIALS

Strong oxidizing material

HAZARDOUS DECOMPOSITION PRODUCTS

Not available

SECTION 11 - TOXICOLOGICAL INFORMATION

CAS #	Exposure Route	Species	Dose
64742-48-9	LD50 Oral	Rat, adult	10000 mg/kg
	LD50 Skin	Rabbit, adult	3200 mg/kg
1330-20-7	LD50 Oral	Rat, adult	4300 mg/kg

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LD50	Skin	Rat, adult	5000 mg/kg
LC50	Inhalation	Rat, adult	6350 PPM

CARCINOGENICS EFFECTS

Xylene CAS # 1330-20-7. Agent (mixture, exposure circumstances) can not be classified to be carcinogenic to humans (group 3) according to the IARC.

MUTAGENIC EFFECTS

No recorded data was found.

TERATOGENIC EFFECTS

No recorded data was found.

DEVELOPMENTAL EFFECTS

Xylene CAS # 1330-20-7 penetrates the placenta, in animals. It has an embryotoxic and/or fetal-toxic effect in animals. The information does not permit an adequate evaluation on post-natal effects.

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.

SECTION 14 - TRANSPORT INFORMATION

TDG UN Number	1133
TDG Class	3
TDG Packing group	III
Shipping name	ADHESIVES containing flammable liquid

Note: For containers of 5 Litres or less, EXEMPTED from Transport of Dangerous Goods

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by road according to exemption of article 1.17 (Limited Quantity).

SECTION 15 - REGULATORY INFORMATION

HMIS Health Code 2 - Moderate Hazard
HMIS Fire Code 3 - Serious Hazard
HMIS Reactivity Code 1 - Slight Hazard
HMIS Personal Protection H: splash goggles, gloves, synthetic apron and a vapor respirator.

WHMIS CLASS

B2 - Flammable liquids
D2A - Very toxic materials causing other toxic effects
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 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 cannot guarantee that these are the only hazards which exist and notification is

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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.