

MATERIAL SAFETY DATA SHEET

Name: 397000 MULCO

SECTION 1 - PRODUCT IDENTIFICATION & COMPANY INFORMATION

MSDS Number 397000
Product Name 397000 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 ADHESIVE

SECTION 2 - COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

| Ingredient Name | CAS # | Concentration (w/w) |
|---|------------|---------------------|
| ALUMINUM SILICATE HYDRATED (pig white 19) | 1332-58-7 | 10-30% |
| NAPHTHA (middle aliphatic fraction) | 64742-88-7 | 5-10% |
| ROSIN GLYCEROL ESTER | 8050-31-5 | 5-10% |

SECTION 3 - HAZARDS IDENTIFICATION

EYE CONTACT

The material is slightly irritating.

The effects are usually reversible.

SKIN CONTACT

The material is slightly irritating.

INHALATION HAZARDS

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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

If you experience breathing difficulties, move to a fresh air area. If difficulties persist, seek medical attention immediately.

INGESTION

Seek immediate medical attention.

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.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point: Not applicable

Lower flammable 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 monoxide

Carbon dioxide

Other unidentified compounds.

EXTINGUISHING MEDIA

Chemical foam

Water

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 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.
Keep away from freezing, high heat and sources of ignition.
Store in a cool, dry and well-ventilated area.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

| CAS # | Authority | Type | Dose |
|------------|-----------|------|----------|
| 1332-58-7 | ACGIH | TLV | 5 mg/M3 |
| | OSHA | PEL | 10 mg/M3 |
| 64742-88-7 | ACGIH | TLV | 100 PPM |

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
Partition coef. oil/ water: Not available
pH: 7.0 < pH < 10.0 (alkaline)

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Freezing Point: -5 °C (23 °F)
Boiling temperature: 100 °C (212 °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 (%): 58.33
Volatiles by Volume (%): 69.04
Specific gravity (kg/L): 1.13
Coating VOC (g/L): 247.9

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 |
|------------|----------|------------|---------------|------------|
| 1332-58-7 | TDLo | Oral | Rat, adult | 590 mg/kg |
| 64742-88-7 | LD50 | Oral | Rat, adult | 5600 mg/kg |
| | LD50 | Skin | Rat, adult | 3000 mg/kg |
| | LC50 | Inhalation | Rat, adult | 10000 PPM |
| 8050-31-5 | LD50 | Oral | Rat, adult | 5000 mg/kg |
| | LD50 | Skin | Rabbit, adult | 5000 mg/kg |

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CARCINOGENICS EFFECTS

No recorded data was found.

MUTAGENIC EFFECTS

No recorded data was found.

TERATOGENIC EFFECTS

Ethylene glycol CAS # 107-21-1 has teratogenicity effects in animals

DEVELOPMENTAL EFFECTS

Ethylene glycol CAS # 107-21-1 has embryotoxicity effects in animals

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

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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 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.