

# MATERIAL SAFETY DATA SHEET

Trade name: LIFT-O-MAT

printed at: 07/23/13  
Last revision of: 03.25.04  
Datasheet Code:  
LOM-ENDE01G

## 1. Substance/ Manufacturer/Supplier name

Name/ Part-No. of the product:

P/N:

Information on manufacturer/ supplier

### Address of Manufacturer/ Supplier

Stabilus  
1201 Tulip Drive  
Gastonia, NC 28052  
Tel. 704.865.7444

### Information giving Division

(Application Engineering):  
704.865.7444 James Kull USME

### Emergency inquiry/ Emergency Number:

INFOTRAC: 1.800.535.5053

Recommendation: Closest poisoning treatment center, Reference: Contact with mineral oil

## 2. Composition/ information on components

Chemical Characterization of the content

Chem. Name	Hazard Symbol	R-Sets
Mineral Oil	N/A	N/A
Nitrogen	N/A	N/A

*The following information refers to mineral oil.*

## 3. Possible Hazards

### Description of hazards:

Intensive, prolonged and repeated skin contact can lead to skin irritation.

### Safety risks:

Avoid formation of oil mist.

### Environmental hazards:

Do not allow to escape uncontrolled into the environment. Mineral oil is not completely biologically degradable.

## 4. First-Aid measures

### General information:

Prolonged contact with the skin can cause dehydration and irritation.

### After inhalation:

First air! – If complaints persist, consult doctor.

### After skin contact:

Rinse with water and soap. Intensive skin care required.

### After contact with the eyes:

Immediately rinse with plenty of water (15 mins.) and consult doctor.

### After swallowing:

Do not induce vomiting. Consult doctor.

Information for the doctor:

Symptomatic treatment

## 5. Fire-fighting measures

### Suitable fire-extinguishing devices:

Fire-extinguishing devices to be adjusted to ambient fires.

### For safety reasons unsuitable for-extinguishing devices:

### Special hazards due to the substance or combustion products:

Pressurized container; if affected by fire, cool it down with water spray.

### Special safety equipment for fire-fighting:

Protection equipment to be adjusted to ambient fires.

## 6. Measures if unintentionally released

### Personal safety measures:

Avoid skin contact.  
Immediately exchange contaminated work clothes.

### Environmental protection measures:

Avoid getting the mineral oil into the sewage system or surface water.

### Procedure for cleaning/ taking up:

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Take up mineral oil with oil-binding material and dispose soaked material according to the regulations.

Additional information:

None

## 7. Handling and storage

Handling:

Storage:

## 8. Exposure limitation and personal protection equipment

Additional indications for the layout of technical equipment: None

Constituents with workplace-related limit values to be monitored: Avoid creation of oil mist

**Personal protection equipment:**

Respiratory protection: Only in case of oil mist; safety glasses at risk of splashing.

Skin protection: Only in case of prolonged skin contact.

Other:

## 9. Physical and chemical characteristics (Mineral oil)

Form: liquid  
Color: various  
Odor: like mineral oil  
Melting point: N/A  
Boiling point: > 240 °C  
Density: ca. 0, 80-0, 95 g/cm<sup>3</sup>  
Bulk density: N/A  
Vapor density  
At 20 °C: max. 1mbar  
Viscosity: ca. 10-80mm<sup>2</sup>/s  
Solvent  
Separation test: N/A  
Solids content: N/A  
Solubility: pract. Un-soluble  
PH-value: N/A  
Flashpoint: > 120 °C  
Ignition temp: N/A  
Explosion limits  
In air: No data avail.  
Thermal  
Decomposition: No data avail.  
Decomposition

Products: No data avail.  
Dangerous  
Reactions with: Possible reaction with strong oxidizers

## 10. Stability and Reactivity

Conditions to be avoided:

Mineral oil is stable if used as specified

Substances to be avoided:

Avoid contact with strong oxidizers

Hazardous decomposition products:

No hazardous decomposition products under normal conditions

Additional Information:

In case of frequent skin contact take personal protective measures (gloves, protective and care cream, liquid soap).

## 11. Toxicological information

Toxicological information:

LD50, oral rats: >2000 mg/kg

LD50, dermal rats: >3000 mg/kg

## 12. Ecological information

Do not allow to be released to the environment.

## 13. Disposal information

Pressurized units have to be degassed before disposal (Observe Stabilus-Disposal instruction).

Observe local regulations

## 14. Transport regulations

Land transport (DOT)

(Motor vehicle, rail freight, national and international)

UN-No.: 3164

Designation: Articles, pressurized, pneumatic, containing non-flammable gas or Articles, pressurized, hydraulic, containing non-flammable gas

Class: 2.2

Consumer Commodity: ORM-D

As appropriate

Application of Exemption DOT-E 8786  
Regulations affected: 49 CFR Parts 106, 107 and 171-180.

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## **Ocean going ship transport (IMDG)**

UN-No.: 3164

Designation: Articles, pressurized,  
pneumatic, containing non-flammable  
gas or Articles, pressurized, hydraulic,  
containing non-flammable gas

Class: 2.2          EmS: F-C, S-V

Packaging group:

Marine pollutant:

Label: 2.2

## **Air Transport (ICAO/IATA)**

UN-No.: 3164

Designation: Articles, pressurized,  
pneumatic, containing non-flammable  
gas or Articles, pressurized, hydraulic,  
containing non-flammable gas

Class: 2.2

PG:                  PI: 208

Label: 2.2

## **Postal Transport**

National general postal distribution  
not permitted National/international  
airmail not permitted. Observe national  
regulations

## **15. Regulations**

EPA SARA 311/312 (Title III Hazard  
Categories)

Acute Health:	No
Chronic Health:	No
Fire Hazard:	No
Pressure Hazard:	Yes
Reactivity Hazard:	No

Mineral Oil  
Regulated substance  
on TSCA Inventory:          Listed

## **16. Miscellaneous**

Constituents with work place related  
limit value to be monitored:  
This product does not contain any  
constituents with workplace related  
limit values to be monitored. Observe  
national regulations.

## **Further information:**

Regulations and usual precaution  
measures for the handling of mineral  
oil and pressurized containers shall be  
observed.

*There is no legal duty to provide  
the information in this data sheet  
(see section 15). The information is  
provided voluntarily and with best of  
the knowledge available at the date of  
the revision. It does not guarantee the  
retention of particular properties within  
the meaning of a legal obligation.*