SAFETY DATA SHEET

VERSION: 1.0 (updated: Jun 2017)

IMPRESSION MATERIAL
PRODUCT: LIGHT BODY CATALYST

1. Product and company identification

Product name: LIGHT BODY CATALYST
Distributor:
Name: Jorgensen Laboratories
Address: 1450 N. Van Buren Ave.
       Loveland, CO 80538
Telephone: 1-800-525-5614
Emergency line: 1-800-535-5053

2. Hazard Identification

GHS labeling and classification
Hazard Class and category: Not applicable
Hazard summary:
   Physical hazard: Not applicable
   Health hazard:
      Inhalation: No specific symptoms noted
      Eye contact: No specific symptoms noted
      Skin contact: No specific symptoms noted
      Ingestion: No specific symptoms noted
Other Health Effects: No other information noted
Environmental hazard: Not regarded as dangerous for the environment
Label elements: Although classified according to EC criteria, this product is exempt from labeling according to article 23 and Annex 1 (section 1.3.4.1) of regulation (CE) No. 1272/2008.
Safety data sheet available for professional user on request.
Other hazard: Quartz: When encapsulated in polymer, it is not expected to pose a health hazard when processed under normal conditions of use.

3. Composition / Information on Ingredients
>> MIXTURE
General Information: Mixture of Polyorganosiloxanes, fillers, additives.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Usual Name</th>
<th>Concentration (%)</th>
<th>CAS No.</th>
<th>EC No.</th>
</tr>
</thead>
</table>

1
SAFETY DATA SHEET

| Quartz(SiO2) | Quartz (SiO2) | <50% | 14808-60-7 |

4. First-aid measures
Inhalation: Not relevant
Skin contact: Remove contaminated clothing and shoes. Wash with soap and water
Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water.
Ingestion: Continue to rinse for at least 15 minutes.

5. First-fighting measure
Extinguishing media
- Suitable: Foam
  Powders
  Carbon dioxide (CO2)
- Not suitable: None to our knowledge. If there is a fire close by, use suitable extinguishing agents.
Specific hazards: Combustible. For further information, refer to section 10: “Stability and Reactivity”.
Specific fire-fighting methods: Cool down the containers/equipment exposed to heat with a water spray.
Protection of fire-fighters: Self-contained breathing apparatus

6. Accidental release measures
Personal precautions: Personal protective equipment
Safety spectacles
Mechanically ventilate the spillage area
Environmental precautions: Collect spillage. Do not discharge into drains, water courses or onto the ground.
Methods and material for Containment and cleaning up: Use explosion-proof electrical/ventilating/lighting/…/equipment.
Containers with collected spillage must be properly labeled with correct contents and hazard symbol. Container must be kept tightly closed.
Suitable containers: equipped with a degassing device. Absorb with sand or other inert absorbent. Do NOT use products which are basic. To clean the floor and all objects contaminated by this material, use an appropriate solvent.(cf.: 9) Flush area with plenty of water. Incinerate in suitable combustion chamber.
Notification procedures: Caution: Contaminated surfaces may be slippery. For waste disposal, see
SAFETY DATA SHEET

section 13 of MSDS.

7. Handling and storage
Precautions for safe handling:

Use mechanical ventilation in case of handling which causes formation of vapors. Do not mix with incompatible materials. For further information, refer to section 10: “Stability and Reactivity”. Read and follow manufacture’s recommendations.

Conditions for safety storage, including any incompatibilities:

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Store in tightly closed original container. Equipped with a degassing device. Suitable containers: polyethylene. Steel drums coated with epoxy-resin.

Specific end use(s):

No data available

8. Exposure controls / personal protection
Control parameters
Occupational exposure limits

Quartz: when encapsulated in polymer, it is not expected to pose a health hazard when processed under normal conditions of use.

Exposure controls:
Appropriate engineering controls: Avoid inhalation of vapors and spray mists
Individual protection measures, such as personal protective equipment:
General information: No specific precautions
Eye/face protection: Safety Glasses
Skin protection: Use protective gloves made of: Nitrile. Polyvinyl chloride (PVC). Rubber or plastic.
Hand protection: It is a good industrial hygiene practice to minimize skin contact.
Other: Wear suitable protective clothing.
Respiratory Protection: No specific precautions
Hygiene measures: Provide eyewash station and safety shower.
Environmental controls: No data available

9. Physical and chemical properties
APPPEARANCE
- Physical state: Liquid
- Form: Thixotropic
- Color: Yellow/Green/Orange
Odor: Odorless or vanilla
pH: Not applicable
SAFETY DATA SHEET

Specific temperatures
Flammability characteristics
- Flash point: > 200°C
- Auto-ignition temperature: > 400°C

Oxidizing properties: Non-oxidizing material according to EEC criteria
Specific gravity: Approx. 1,350kg/m3 at 20°C

Solubility
- In water: Practically insoluble
- Inorganic solvents: Very slightly soluble in:
  - Acetone
  - Alcohol (ethanol)
  - Miscible (in all proportions) with:
    - Diethylether
    - Aliphatic hydrocarbons
    - Chlorinated solvents

Dynamic viscosity Approx. 200,000 mm²/s (20°C)

10. Stability and reactivity
Stability: Stable at room temperature
Hazardous reactions
Possibility of hazardous Reactions: During storage, this product may generate hydrogen gas.
Conditions to avoid: No other information noted
Incompatible materials: None known
- Hazardous decomposition On combustion forms:
  products: Amorphous Silica
  Quantity of hydrogen potentially released (1/kg of product):<6

11. Toxicological Information
Information on likely routes of exposure
Inhalation: No effects expected (assessment based on ingredients).
Ingestion: No effects expected (assessment based on ingredients).
Skin contact: No effects expected (assessment based on ingredients).
Eye contact: No effects expected (assessment based on ingredients).
SAFETY DATA SHEET

Information on toxicological Effects:

Acute Toxicity:
Oral:
Product: No effects expected (assessment based on ingredients).
Dermal:
Product: No effects expected (assessment based on ingredients).
Specified substance(s):
Quartz (SiO2) No data available
Inhalation:
Product: No effects expected (assessment based on ingredients).

Repeated dose toxicity:
Product: No effects expected (assessment based on ingredients).
Skin corrosion/irritation:
Product: No effects expected (assessment based on ingredients).
Serious eye damage/eye irritation:
Product: No effects expected (assessment based on ingredients).
Respiratory or skin sensitization:
Product: No effects expected (assessment based on ingredients).
Germ cell mutagenicity:

In vitro:
Product: No effects expected (assessment based on ingredients).
In vivo:
Product: No effects expected (assessment based on ingredients).
Carcinogenicity:
Product: No effects expected (assessment based on ingredients).
Reproductive toxicity:
Product: No effects expected (assessment based on ingredients).

Specific target organ toxicity – single exposure:
Product: No effects expected (assessment based on ingredients).

Aspiration hazard:
Product: No effects expected (assessment based on ingredients).
SAFETY DATA SHEET

Other adverse effects: None known

12. Ecological information

MOBILITY
Precipitation: Slightly soluble product readily forms deposits

Expected behavior of the product: Ultimate destination of the product: SOIL and SEDIMENT

DEGRADABILITY
Ultimate aerobic biodegradability Non-biodegradable

BIOACCUMULATION
Bioconcentration factor: Non-bioaccumulable

ECOTOXICITY
Effects on the aquatic environment: No specific information available, however, by analogy, this product is not considered to present any particular risk to the aquatic environment.

13. Disposal considerations

WASTE FROM RESIDUE
Destruction/Disposal: Dispose of at a licensed waste collection point

CONTAMINATED PACKAGING
Decontamination/cleaning: Scrape or drain carefully:
Rinse with an appropriate solvent
Recover the solvent used for rinsing and incinerate at a licensed site.

Destruction/disposal: Entrust the thoroughly decontaminated packaging to a licensed waste-contractor.

NOTE: The user’s attention is drawn to the possible existence of local regulations regarding disposal.

14. Transport information

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: Not regulated

15. Regulatory information
SAFETY DATA SHEET

Safety, health and environment regulations and legislation specific to this substance or mixture:
National Regulations: OSHA: Not regulated
                     TCCA: Not regulated
Chemical safety:    No data available

NOTE: The regulatory information given above only indicate the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user’s attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulation or provisions.

16. Other information
Revision Information: Not relevant

Key literature references and sources for data: No data available

Wording of the R-phrases and H-statements in section 2 and 3: Not applicable

Training information: No data available

Inventory status:
  EU EINECS list: On or in compliance with the inventory
  Korea KECL list: On or in compliance with the inventory
  US TSCA Inventory: On or in compliance with the inventory

This safety data sheet should be used in conjunction with other technical information, it does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.

End of document
Number of pages 6
SAFETY DATA SHEET

VERSION: 1.0 (updated: Jun 2017)

IMPRESSION MATERIAL
PRODUCT: LIGHT BODY BASE

1. Product and company identification

Product name: LIGHT BODY BASE
Distributor:
  Name: Jorgensen Laboratories
  Address: 1450 N. Van Buren Ave.
  Loveland, CO 80538
  Telephone: 1-800-525-5614
  Emergency line: 1-800-535-5053

2. Hazard Identification
GHS labeling and classification
Hazard Class and category: Not applicable
Hazard summary:
  Physical hazard: Not applicable
  Health hazard:
    Inhalation:
      Eye contact: No specific symptoms noted
      Skin contact: No specific symptoms noted
    Ingestion: No specific symptoms noted
  Other Health Effects: No other information noted
  Environmental hazard: Not regarded as dangerous for the environment
  Label element: Not applicable
  Other hazard: Quartz: When encapsulated in polymer, it is not expected to pose a health hazard when processed under normal conditions of use.

3. Composition / Information on Ingredients
>> MIXTURE
General Information: Mixture of Polyorganosiloxanes, filler, additives.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Usual Name</th>
<th>Concentration (%)</th>
<th>CAS No.</th>
<th>EC No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td>Quartz (SiO2)</td>
<td>&lt;40%</td>
<td>14808-60-7</td>
<td></td>
</tr>
</tbody>
</table>

4. First-aid measures
SAFETY DATA SHEET

Inhalation: Not relevant
Skin contact: Remove contaminated clothing and shoes. Wash with soap and water
Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.
Ingestion: Do not induce vomiting. Rinse mouth thoroughly.

5. First-fighting measures
Extinguishing media
- Suitable: Foam
  Powders
  Carbon dioxide (CO2)
- Not suitable: None to our knowledge. If there is a fire close by, use suitable extinguishing agents.
Specific hazards: Combustible. For further information, refer to section 10: “Stability and Reactivity”.
Specific firefighting methods: Cool down the containers/equipment exposed to heat with a water spray.
Protection of fire-fighters: Self-contained breathing apparatus

6. Accidental release measures
Personal precautions: Personal protective equipment
  Safety spectacles
  Mechanically ventilate the spillage area
Environmental precautions: This product does not present any particular risk for the environment.
Method for cleaning up:
  - Recovery: Collect up the product and place it in a spare container.
    - Suitably labeled
    - With a closing device
    Keep the recovered product for subsequent disposal
  - Neutralization: Absorb residues with:
    - Dry sand or dry inert absorbent.
  - Cleaning / Decontamination: Decontaminate and wash the floor with:
    - An appropriate solvent. (Ref. § 9)
    Then wash with plenty of water.
  - Disposal: Incinerate contaminated materials at an authorized installation

7. Handling and storage
HANDLING
Technical measures: Ventilation.
SAFETY DATA SHEET

Safety Handling advice: Comply with instructions for use (refer to technical sheet).

STORAGE

Technical measures: Does not require any specific or particular technical measures.

Storage conditions
- Recommended: Stable under normal storage conditions.

Incompatible products: Strong oxidizing agents.

Packaging:
- Steel drums varnished with epikote.

Packaging materials: Coated steels.

Recommended: Plastic materials (polyethylene, polypropylene).

8. Exposure controls / personal protection

Control parameters

Occupational exposure limits

Quartz: When encapsulated in polymer, it is not expected to pose a health hazard when processed under normal conditions of use.

Exposure controls:
No special precautions.

Appropriate engineering controls:
Individual protection measures, such as personal protective equipment:

General information:
No specific precautions.

Eye/face protection:
Safety Glasses

Skin protection:

Hand protection:
Use protective gloves made of: Nitrile. Polyvinyl chloride(PVC). Rubber or plastic.

Other:
No skin protection is ordinarily required under normal conditions of use.
In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Respiratory Protection:
No specific precautions.

Hygiene measure:
Provide eyewash station and safety shower.

Environmental Controls:
No data available.

9. Physical and chemical properties

APPEARANCE

- Physical state: Liquid.
- Form: Thixotropic
- Color: Whitish

Odor: Odorless
pH: Not applicable

Specific temperatures

Flammability characteristics
- Flash point: > 200°C (Closed up, according to method ASTM D-56)
SAFETY DATA SHEET

- Auto-ignition temperature: > 400°C

Oxidizing Properties: Non-oxidizing material according to EEC criteria.

Specific gravity: Approx. 1350 kg/m³ at 20°C.

Solubility
- In water: Practically insoluble.
- In organic solvents: Very slightly soluble in:
  - Acetone
  - Alcohol (ethanol)
  Miscible (in all proportions) with:
  - Diethylether
  - Aliphatic hydrocarbons
  - Aromatic hydrocarbons (toluene, xylene).
  - Chlorinated solvents.

Dynamic viscosity: Approx. 185,000 mm²/s (20°C).

10. Stability and reactivity.
Stability: Stable at room temperature.

Hazardous reactions
Materials to avoid: During use, release:
  On combustion forms:
  (Carbon oxides (CO + CO₂)).
  Amorphous silica

11. Toxicological information
Information on likely routes of exposure

Inhalation: No effects expected (assessment based on ingredients).
Ingestion: No effects expected (assessment based on ingredients).
Skin contact: No effects expected (assessment based on ingredients).
Eye contact: No effects expected (assessment based on ingredients).

Information on toxicological effects:
Acute Toxicity:
Oral: No effects expected (assessment based on ingredients).
Product: No effects expected (assessment based on ingredients).
Dermal: No effects expected (assessment based on ingredients).
Product: No effects expected (assessment based on ingredients).
Specified substance(s): No effects expected (assessment based on ingredients).
Quartz(SiO₂): No data available.
Inhalation:
Product: No effects expected (assessment based on ingredients).
Repeated dose toxicity:
SAFETY DATA SHEET

Product: No effects expected (assessment based on ingredients).

Skin corrosion/irritation:
Product: No effects expected (assessment based on ingredients).

Serious eye damage/eye irritation:
Product: No effects expected (assessment based on ingredients).

Respiratory or skin sensitization:
Product: No effects expected (assessment based on ingredients).

Germ cell mutagenicity:
In vitro: No effects expected (assessment based on ingredients).

In vivo: No effects expected (assessment based on ingredients).

Carcinogenicity:
Product: No effects expected (assessment based on ingredients).

Reproductive toxicity:
Product: No effects expected (assessment based on ingredients).

Specific target organ toxicity – single exposure:
Product: No effects expected (assessment based on ingredients).

Aspiration hazard: No effects expected (assessment based on ingredients).

Other adverse effects: None known.

12. Ecological information

MOBILITY
Precipitation: Slightly soluble product readily forms deposits.

Expected behavior of the product:

Ultimate destination of the product: SOIL and SEDIMENT.

DEGRADABILITY
- Ultimate aerobic biodegradability
  None-biodegradable

BIOACCUMULATION
Bioconcentration factor: Not bioaccumulable.

ECOTOXICITY
Effects on the aquatic environment: No specific information available,
however, by analogy, this product is not considered to present any particular risk to the aquatic environment.

13. Disposal considerations
WATER FROM RESIDUES
Destruction/Disposal: Dispose of at a licensed waste collection point.

CONTAMINATED PACKAGING
Decontamination/cleaning: Scrape or drain carefully:
Rinse with an appropriate solvent.
Recover the solvent used for rinsing and incinerate at a licensed site.
Destruction/Disposal: Entrust the thoroughly decontaminated packaging to a licensed waste-contractor.

NOTE: The user’s attention is drawn to the possible existence of local regulations regarding disposal.

14. Transport information
This material is not subject to transport regulations.
Environmental hazards: Not regulated.
Special precautions for user: No special precautions.

NOTE: The above regulatory prescriptions are those valid on the date of publication of this sheet.
Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

15. Regulatory Information
Safety, Health and environment regulations and legislation specific to this substance or mixture:
National Regulations: OSHA: Not regulated
TCCA: Not regulated
Chemical safety: No data Available

NOTE: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user’s attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other information
Revision Information: Not relevant.
Key literature references and No data available.
Sources for data:
Wording of the R-phrases and H-statements in section 2 and 3:
SAFETY DATA SHEET

Not applicable
Training information: No data available.
Inventory Status:
   EU EUNECs List: On or in compliance with the inventory
   Korea KECL List: On or in compliance with the inventory
   US TSCA Inventory: On or in compliance with the inventory

This safety data sheet should be used in conjunction with other technical information, it does not replace them. The Information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the used and storage of the product, do not exist. This is solely his responsibility.

End of document
Number of pages 6