SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Trade name or designation of the mixture: Hylomar / Hylosil 302; Hylomar / Hylosil 303; Hylomar / Hylosil Instant Gasket
Registration number: -
Synonyms: None.
SDS number: 20
Issue date: 13-September-2012
Version number: 01
Revision date: -
Supersedes date: -

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Silicone sealant.
Uses advised against: Use in accordance with supplier's recommendations.

1.3. Details of the supplier of the safety data sheet
Manufacturer: Hylomar Ltd.
Address: Hylo House, Cale Lane, New Springs, Wigan, Greater Manchester, UK, WN2 1JT
Telephone number: +44(0)1942 617000
E-mail address: info@hylomar.co.uk
Contact person: Technical Department

1.4. Emergency telephone number
Access code: 333544

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Directive 67/548/EEC or 1999/45/EC as amended
This preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification according to Regulation (EC) No 1272/2008 as amended
This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary
Physical hazards: Not classified for physical hazards.
Health hazards: Not classified for health hazards.
Environmental hazards: Not classified for hazards to the environment.
Specific hazards: May cause minor irritation on eye contact.
Main symptoms: Direct contact with eyes may cause temporary irritation.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended
Hazard pictograms: None.
Signal word: None.
Hazard statements: The mixture does not meet the criteria for classification.

Precautionary statements
Prevention: P281 - Use personal protective equipment as required.
Response: P314 - Get medical advice/attention if you feel unwell.
Storage: Store away from incompatible materials.
Disposal: Dispose of waste and residues in accordance with local authority requirements.

2.3. Other hazards
Not a PBT or vPvB substance or mixture.
SECTION 3: Composition/information on ingredients

3.2. Mixtures
The components are not hazardous or are below required disclosure limits.

SECTION 4: First aid measures

General information If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

4.1. Description of first aid measures

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact Immediately flush eye(s) with plenty of water. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Ingestion Rinse mouth. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed
Direct contact with eyes may cause temporary irritation.

4.3. Indication of any immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards The product is not flammable.

5.1. Extinguishing media
Suitable extinguishing media Water spray, foam, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture
By heating and fire, toxic vapours/gases may be formed.

5.3. Advice for firefighters
Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Avoid inhalation of vapours and contact with skin and eyes. Wear protective clothing as described in Section 8 of this SDS. In case of spills, beware of slippery floors and surfaces.

For emergency responders Keep unnecessary personnel away. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up
Scrape up the spilled material. Transfer to a container for disposal. Following product recovery, flush area with water.

6.4. Reference to other sections
For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid inhalation of vapours and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Wash thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities
Keep away from heat, spark, open flames and other sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials. Incompatible materials: Strong oxidising agents. Avoid contact with water and moisture.

7.3. Specific end use(s)
Silicone sealant.
SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits  No exposure limits noted for ingredient(s).
Biological limit values  No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures  Follow standard monitoring procedures.
Derived no-effect level (DNEL)  Not available.
Predicted no effect concentrations (PNECs)  Not available.

8.2. Exposure controls

Appropriate engineering controls  Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of exposure.

Individual protection measures, such as personal protective equipment

General information  Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
Eye/face protection  Wear approved safety glasses or goggles.
Skin protection
  - Hand protection  Wear protective gloves. Nitrile or neoprene gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier.
  - Other  Normal work clothing (long sleeved shirts and long pants) is recommended.
Respiratory protection  Under normal conditions, respirator is not normally required. In case of inadequate ventilation: It is recommended to use respiratory equipment with combination filter, type A2/P2.
Thermal hazards  Wear appropriate thermal protective clothing, when necessary.
Hygiene measures  Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental exposure controls  Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance  302: Black paste.
Physical state  Liquid.
Form  Paste. Thixotropic gel.
Colour  302: Black.
  303, Instant Gasket: Translucent.
Odour  Vinegar-like.
Odour threshold  Not available.
pH  Not applicable.
Melting point/freezing point  Not available.
Initial boiling point and boiling range  Not available.
Flash point  > 100 °C (> 212 °F) Closed cup
Evaporation rate  Not available.
Flammability (solid, gas)  Not applicable.
Upper/lower flammability or explosive limits
  Flammability limit - lower (%)  Not available.
  Flammability limit - upper (%)  Not available.
Vapour pressure  Not available.
Vapour density  Not available.
Relative density  1,02 (25 °C) ( Water = 1)
Solubility(ies)  Insoluble in water.
SECTION 10: Stability and reactivity

10.1. Reactivity
The product is stable and non reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Material is stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid
Contact with incompatible materials.

10.5. Incompatible materials
Fluorine. Fluorides.

10.6. Hazardous decomposition products
Carbon monoxide. Carbon dioxide. Silicon oxides.

SECTION 11: Toxicological information

General information
Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

- Ingestion: Ingestion may cause irritation and malaise.
- Inhalation: In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
- Skin contact: Prolonged exposure may cause skin irritation.
- Eye contact: May cause eye irritation on direct contact.

Symptoms
Direct contact with eyes may cause temporary irritation.

11.1. Information on toxicological effects

- Acute toxicity: May cause discomfort if swallowed.
- Skin corrosion/irritation: Prolonged exposure may cause skin irritation.
- Serious eye damage/irritation: May cause eye irritation on direct contact.
- Respiratory sensitisation: Not classified.
- Skin sensitisation: Not classified.
- Germ cell mutagenicity: Not classified.
- Carcinogenicity: Not classified.
- Reproductive toxicity: Not classified.
- Specific target organ toxicity - single exposure: Not classified.
- Specific target organ toxicity - repeated exposure: Not classified.
- Aspiration hazard: Not classified.

Mixture versus substance information
Not applicable.

Other information
No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1. Toxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and degradability
Not available.

12.3. Bioaccumulative potential
The product is not expected to bioaccumulate.

Partition coefficient (n-octanol/water (log Kow))
Not available.

Bioconcentration factor (BCF)
Not available.

12.4. Mobility in soil
Not available.

Mobility in general
The product is insoluble in water.
12.5. Results of PBT and vPvB assessment

Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects
None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal.

EU waste code
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information
Do not discharge into drains, water courses or onto the ground. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

ADR
The product is not covered by international regulation on the transport of dangerous goods.

RID
The product is not covered by international regulation on the transport of dangerous goods.

ADN
The product is not covered by international regulation on the transport of dangerous goods.

IATA
The product is not covered by international regulation on the transport of dangerous goods.

IMDG
The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.
- Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA Not listed.

Authorisations

Restrictions on use
- Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work Not regulated.
Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding
   Not regulated.

Other EU regulations
   Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances
   Not regulated.
   Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
   Not listed.
   Directive 94/33/EC on the protection of young people at work
   Not listed.

Other regulations
   The product does not need to be labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations
   Follow national regulation for work with chemical agents.

15.2. Chemical safety assessment
   No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations
   DNEL: Derived No-Effect Level.
   PBT: Persistent, bioaccumulative and toxic.
   PNEC: Predicted No-Effect Concentration.
   vPvB: Very Persistent and very Bioaccumulative.

References
   HSDB® - Hazardous Substances Data Bank
   Registry of Toxic Effects of Chemical Substances (RTECS)
   ESIS (European chemical Substances Information System)

Information on evaluation method leading to the classification of mixture
   The mixture is classified based on test data for physical hazards. The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. For details, refer to Sections 9, 11 and 12.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15
   None.

Training information
   Follow training instructions when handling this material.

Disclaimer
   The information in the sheet was written based on the best knowledge and experience currently available.