

# SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

**HS20 - CLEAR**

Version No. 1

Revision Date: 13/04/2015

Page 1 of 9

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier.	Product Name: HS20 Clear.	
1.2. Relevant identified uses of the substance or mixture and uses advised against.	Identified uses: Cartridge applied sealant and adhesive. Uses advised against: Any other use than the advised purpose.	
1.3. Details of the supplier of the datasheet.	Hodgson Sealants (Holdings) Limited Belprin Road Beverley East Yorkshire HU17 0LN	Tel: + 44 (0)1482 868321 Fax: + 44 (0)1482 679337 E-mail: <a href="mailto:SDS@hodgsonsealants.com">SDS@hodgsonsealants.com</a>
1.4. Emergency Phone Number (UK Office Hours Only: 9am to 5pm)	Tel: + 44 (0)1482 868321 E-mail: <a href="mailto:SDS@hodgsonsealants.com">SDS@hodgsonsealants.com</a>	

## SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture.	
<u>2.1.1. Classification according to regulation (EC) No 1272/2008 [CLP].</u>	See SECTION 16
<u>2.1.2. Classification according to Directive 1999/45/EC.</u>	R52/53
2.2. Label elements.	
<u>2.2.1. Classification according to regulation (EC) No 1272/2008 [CLP].</u>	See SECTION 16
<u>2.2.2. Classification according to Directive 1999/45/EC</u>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

# SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

## HS20 - CLEAR

Version No. 1

Revision Date: 13/04/2015

Page 2 of 9

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Description of mixture: Homogeneous mixture of hybrid polymer, plasticiser and ancillaries.

#### Hazardous ingredients:

Name	CAS No.	EC No.	REACH Registration No.	% (weight)	Classification according to 67/548/EEC	Classification according to Regulation (EC) No 1278/2008 (CLP).
Distillates (petroleum), hydrotreated middle	64742-46-7	265-148-2	01-2119489867-12-xxxx	2.5 – 10	Xn; R65	Asp.Tox 1; H304
Trimethoxyvinylsilane	2768-02-7	220-449-8	01-2119513215-52-xxxx	2.5 – 10	Xn; R20, R10	Flam.Liq 3; H226 Acute Tox. 4; H332
Naphtha (petroleum), heavy alkylate	64741-65-7	920-901-0	01-2120009436-62-xxxx	2.5 – 10	Xn; R65, R66	Asp.Tox 1; H304
Dibutyltin dilaurate	77-58-7	201-039-8	01-2119496068-27-xxxx	0.1 – 1.0	T Repr.Cat.2; R60, 61, 48/25 C; R34. Xn; R68. Xi; R43. N; R50/53.	Muta.2; H341 Repr.1B; H360 STOT SE.1; H370 STOT RE.1; H372 Skin Corr.1B; H314 Aquatic Acute.1; H400 Aquatic Chronic.1; H410 Acute Tox.4; H302 Skin Sens.1; H317
Bis(1,2,2,6,6-pentamethyl-4piperidyl)sebacate	41556-26-7	255-437-1	-	0.1 – 1.0	Xi; R43 N; R50/53	Aquatic Acute.1; H400 Aquatic Chronic; H410 Skin Sens.1; H317
Di 'isononyl' Phthalate	28553-12-0	249-079-5	01-2119430798-28-xxxx	10 - 25	Not Classified. Component with WEL	Not Classified. Component with WEL

Additional information: For full text of H-statements and R-phrases: see SECTION 16.

### SECTION 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

Following inhalation:

Following skin contact:

Following eye contact:

Following ingestion:

Provide fresh air.

Wash with plenty of soap and water for 10-15 minutes. Seek medical advice in case of irritation.

Rinse immediately with plenty of water. Seek medical advice in case of irritation.

Give several small portions of water to drink. Do not induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed.

No further data available.

#### 4.3. Indication of any immediate medical attention and special treatment needed.

Further toxicology information is available in SECTION 11.

# SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

## HS20 - CLEAR

Version No. 1

Revision Date: 13/04/2015

Page 3 of 9

### SECTION 5. FIREFIGHTING MEASURES

<b>5.1. Extinguishing media</b> <b>Suitable extinguishing media;</b>  <b>Unsuitable extinguishing media;</b>	Water mist, dry powder, alcohol-resistant foam, carbon dioxide or sand.  Water spray or water jet.
<b>5.2. Special hazards arising from the substance or mixture</b>  <b>Hazardous combustion products;</b>	Nitrous gases
<b>5.3. Advice for firefighters</b>	Use respiratory protection independent of recirculated air.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>6.1. Personal precautions, protective equipment and emergency procedures.</b> <b>6.1.1. For non-emergency personnel.</b> <b>Protective equipment:</b> <b>Emergency procedures:</b>	Wear personal protective equipment (see SECTION 8). Keep unprotected persons away. Avoid contact with skin and eyes. Avoid inhaling mists and vapours.
<b>6.2. Environmental precautions:</b>	Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.
<b>6.3. Methods and material for containment and cleaning up.</b> <b>6.3.1. For containment:</b>  <b>6.3.2. For cleaning up:</b> <b>6.3.3. Other information:</b>	Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. No further data available.
<b>6.4. Reference to other sections</b>	See SECTION 8 and 13.

# SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

## HS20 - CLEAR

Version No. 1

Revision Date: 13/04/2015

Page 4 of 9

### SECTION 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

##### Measures to prevent fire:

Product can evolve methanol. Flammable vapours may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging.

##### Measures to prevent aerosol and dust generation:

Not required.

##### Measures to protect the environment:

No further data available.

#### 7.2. Conditions for safe storage, including any incompatibilities.

Protect against moisture. Store in original container only. Keep container tightly closed and store in a cool, well ventilated place.

#### 7.3. Specific end use(s).

Cartridge applied sealant and adhesive.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1. Control parameters

##### Maximum airborne concentrations at the workplace:

Name	CAS No.	Type	Mg/m <sup>3</sup>	ppm
Methanol	67-56-1	OEL	266	200
Dibutyltin dilaurate	201-039-8	WEL – Short-term WEL – Long-term	0.2 0.1	-
Di 'isononyl' Phthalate	28553-12-0	Long term exposure. 8-hr TWA	5	-

#### 8.2. Exposure control

##### 8.2.1. Appropriate engineering controls:

Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Do not eat, drink or smoke when handling. Wash hands at the end of work and before eating.

##### 8.2.2. Personal protection equipment

###### 8.2.2.1. Eye face protection:

Not normally needed. Wear safety glasses if contact with eyes is likely.

###### 8.2.2.2. Skin protection:

After handling; make sure the skin is cleaned and protected.

###### 8.2.2.3. Respiratory protection:

In case of strong exposure: gas mask filter AX

###### 8.2.2.4. Thermal hazards:

Not applicable

##### 8.2.3. Environmental exposure controls:

Prevent material from entering surface waters or soil.

# SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

## HS20 - CLEAR

Version No. 1

Revision Date: 13/04/2015

Page 5 of 9

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties.

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>a) <b>Appearance:</b> Paste</li><li>b) <b>Odour:</b> Characteristic / low.</li><li>c) <b>Odour Threshold:</b> No data available.</li><li>d) <b>pH:</b> No data available.</li><li>e) <b>Melting point / freezing point:</b> No data available.</li><li>f) <b>Initial boiling point and boiling range:</b> No data available.</li><li>g) <b>Flash point:</b> 134°C</li><li>h) <b>Evaporation rate:</b> No data available.</li><li>i) <b>Flammability (solid, gas):</b> No data available.</li><li>j) <b>Upper / lower flammability or explosive limits:</b> No data available.</li></ul> | <ul style="list-style-type: none"><li>k) <b>Vapour pressure:</b> No data available.</li><li>l) <b>Vapour density:</b> No data available.</li><li>m) <b>Relative Density:</b> 1.03g/ml (water =1)</li><li>n) <b>Solubility (ies) (water):</b> No data available.</li><li>o) <b>Partition coefficient: n-octanol / water:</b> No data available.</li><li>p) <b>Auto-ignition temperature:</b> 230°C</li><li>q) <b>Decomposition temperature:</b> No data available.</li><li>r) <b>Viscosity:</b> 48000 mPa.s @ 23°C</li><li>s) <b>Explosive properties:</b> No data available.</li><li>t) <b>Oxidising properties:</b> None</li></ul> |
|---|---|

#### 9.2 Other Information:

No further data available.

### SECTION 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

#### 10.2 Chemical stability

#### 10.3 Possibility of Hazardous Reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

#### 10.4 Conditions to Avoid

Moisture.

#### 10.5 Incompatible Materials

Reacts with water to produce methanol.

#### 10.6 Hazardous decomposition products

No further data available.

# SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

## HS20 - CLEAR

Version No. 1

Revision Date: 13/04/2015

Page 6 of 9

### SECTION 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

**Acute toxicity:**

**Triemethoxyvinylsilane**

Oral LD50 - 7120mg/kg (rat)

Dermal LD50 – 3540mg/kg (rabbit)

Inhalation LC50/4h – 16.8mg/l (rat)

**Dibutyltin Dilaurate**

Oral LD50 – 175mg/kg (rat)

**Irritation:**

Not classified. The product does not contain ingredients classified as irritant above the classification thresholds.

**Corrosivity:**

Not classified. The product does not contain ingredients classified as corrosive above the classification thresholds.

**Sensitisation:**

Not classified. The product does not contain ingredients classified as sensitising above the classification thresholds.

**Repeated dose toxicity:**

Not classified. The product does not contain ingredients classified as toxic above the classification thresholds.

**Carcinogenicity:**

Not classified. The product does not contain ingredients classified as carcinogenic above the classification thresholds.

**Mutagenicity:**

Not classified. The product does not contain ingredients classified as mutagenic above the classification thresholds.

**Toxicity for reproduction:**

Not classified. The product does not contain ingredients classified as repro. toxic above the classification thresholds

**Further toxicological information:**

No further data available.

### SECTION 12. ECOLOGICAL INFORMATION

**12.1. Toxicity:**

Not classified. The product does not contain ingredients classified as toxic above the classification thresholds.

**12.2. Persistence and degradability:**

No data available

**12.3. Bioaccumulative potential:**

No data available

**12.4. Mobility in soil:**

No data available

**12.5. Results of PBT and vPvB testing:**

No data available

**12.6. Other adverse effects:**

Non known

**12.7. Additional information:**

No data available

# SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

## HS20 - CLEAR

Version No. 1

Revision Date: 13/04/2015

Page 7 of 9

### SECTION 13. DISPOSAL CONSIDERATIONS

<b>13.1. Waste treatment methods:</b>	Observe local regulations.
<b>13.1.1. Product / packaging disposal:</b> <b>Waste codes / waste designations according to LoW:</b>	Dispose of in accordance with local regulations. Do not empty product into drains. According to the European catalogue, waste codes are not product specific, but application specific. The user should assign waste codes, preferably in discussion with the waste disposal authorities.
<b>13.1.2. Waste treatment-relevant information:</b>	No data available.
<b>13.1.3. Sewage disposal-relevant information:</b>	No data available.
<b>13.1.4. Other disposal recommendations:</b>	No data available.

### SECTION 14. TRANSPORT INFORMATION

	Road ADR	Railway RID	Sea - IMDG Code	Air – ICAO-TI/IATA-DGR
<b>14.1. UN Number</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing Group</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.6. Special precautions for user</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code"</b>	Not regulated	Not regulated	Not regulated	Not regulated

### SECTION 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture</b>	The product has been assessed in accordance with CHIP and CLP.
<b>15.2 Chemical Safety Assessment.</b>	A chemical safety assessment has not been carried out.

# SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010

**HS20 - CLEAR**

Version No. 1

Revision Date: 13/04/2015

Page 8 of 9

## SECTION 16. OTHER INFORMATION

### Indication of changes:

-

### Classification according to regulation (EC) No 1272/2008 [CLP].

Aquatic Chronic 3; H412 - Harmful to aquatic life with long lasting effects.

### Label elements according to regulation (EC) No 1272/2008 [CLP].

Signal word; **Not applicable**

### **Hazard statements;**

H412 Harmful to aquatic life with long lasting effects.

### **Precautionary Statements – Prevention;**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### **Precautionary Statements – Response;**

Not applicable

### **Additional information:**

Contains dibutyltin dilaurate, Bis(1,2,2,6,6-pentaméthyl-4-piperidyl)sebacate. May produce an allergic reaction.

### **Abbreviations / Acronyms used:**

CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS# - Chemical Abstracts Service number.

PBT - Persistent, Bioaccumulative and Toxic substance.

VPvB - Very Persistent and Very Bioaccumulative.

UN - United Nations.

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

### **Relevant R-phrases and/or H-statements (number and full text):**

#### **According to Regulation (EC) No 1278/2008 (CLP/ GHS);**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H341 Suspected of causing genetic defects.

H360 May damage fertility or the unborn child.

H370 Causes damage to organs.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

#### **According to 67/548/EEC;**

R10 Flammable.

R20 Harmful by inhalation.

R34 Causes burns.

R43 May cause sensitisation by skin contact.

R48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R60 May impair fertility.

R61 May cause harm to the unborn child.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R68 Possible risk of irreversible effects.



# SAFETY DATA SHEET (SDS)

SDS Compliant with REACH Regulation (EC) No 1907/2006 – N° 453/2010



## HS20 - CLEAR

Version No. 1

Revision Date: 13/04/2015

Page 9 of 9

This Product Safety Data Sheet was prepared in compliance with article 31 and Annex II of the EU REACH regulation as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

This product should only be used as stated in Hodgson literature. It is the responsibility of the persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose of or in any way come in to contact with the product. If the recipient subsequently produces a formulation containing the Hodgson product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Hodgson Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with article 31 and Annex II of the EU REACH regulation.

All information and instructions provided in the Product Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on the present Product Safety Data Sheet. Hodgson shall not be held responsible for any defect in the product covered by this Product Safety Data Sheet, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.