SAFETY DATA SHEET
Gekko Stikksafe 10

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

1.1. Product identifier
Product name Gekko Stikksafe 10

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Adhesive.
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet
Supplier GEKKO INDUSTRIES LTD
7 Flowers Hill
Brislington Hill
Brislington
Bristol
BS4 5JJ
0844 915 0159
0844 915 0169
sales@gekko-adhesives.com

1.4. Emergency telephone number
Emergency telephone Gekko +44 (0)117 300 3927 (Mon - Fri) 09:00 - 16:00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards Not Classified
Health hazards Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351
Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Carc. Cat. 3 R40. R42/43
2.2. Label elements

Pictogram

Signal word

Danger

Hazard statements

H317 May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351 Suspected of causing cancer.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P411 Store at temperatures not exceeding 25°C/77°F.

Supplemental label information

RCH004a Persons already sensitised to diisocyanates may develop allergic reactions when using this product.
RCH004b Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
RCH004c This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Contains

Polymethylene polyphenyl isocyanate

Supplementary precautionary statements

P202 Do not handle until all safety precautions have been read and understood.
P284 [In case of inadequate ventilation] wear respiratory protection.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P402 Store in a dry place.
P501 Dispose of contents/ container in accordance with national regulations.
Gekko Stikksafe 10

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>Polymethylene polyphenyl isocyanate</th>
<th>5-10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 9016-87-9</td>
<td></td>
</tr>
</tbody>
</table>

Classification
Acute Tox. 4 - H332
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Resp. Sens. 1B - H334
Skin Sens. 1B - H317
Carc. 2 - H351
STOT SE 3 - H335
STOT RE 2 - H373

Classification (67/548/EEC or 1999/45/EC)
Xn; R20, R48/20/21/22. Xi; R36/37/38. Carc. Cat. 3 R40. R42/43

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. If medical advice is needed, have product container or label at hand.

Inhalation
Move affected person to fresh air at once. If in doubt, get medical attention promptly.

Ingestion
Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell.

Skin contact
Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

Eye contact
Rinse with water. Contact physician if discomfort continues.

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

Inhalation
No specific symptoms known.

Ingestion
Nausea, vomiting.

Skin contact
Prolonged and frequent contact may cause redness and irritation. Difficulty in breathing.

Eye contact
No specific symptoms known.

4.3. Indication of any immediate medical attention and special treatment needed
SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media  Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media  None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards  Toxic and corrosive gases or vapours.


5.3. Advice for firefighters

Protective actions during firefighting  Use water spray to reduce vapours.

Special protective equipment for firefighters  Wear protective clothing and gloves. Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions  No smoking, sparks, flames or other sources of ignition near spillage.

For non-emergency personnel  For further information, see attached Exposure Scenario.

For emergency responders  Wear protective clothing and gloves.

6.2. Environmental precautions

Environmental precautions  Collect and place in suitable waste disposal containers and seal securely. Prevent entry into drains. Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up  Shovel spilled material into a dry container. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Treat contaminated surfaces with acetone. Wash clothing and equipment after handling.

6.4. Reference to other sections

Reference to other sections  For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid direct contact with the substance. Immediately remove contaminated clothing. Avoid discharge into drains.

Advice on general occupational hygiene  Good personal hygiene procedures should be implemented.
Gekko Stikksafe 10

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store in accordance with local regulations. Store in closed original container at temperatures between 5°C and 25°C. Max. storage time 1 year. Keep away from heat.

7.3. Specific end use(s)
Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits
Short-term exposure limit (15-minute): 0.07 mg/m³
Long-term exposure limit (8-hour TWA): 0.02 mg/m³

Polymethylene polyphenyl isocyanate
Long-term exposure limit (8-hour TWA): 0.02 mg/m³ respirable dust
Short-term exposure limit (15-minute): 0.07 mg/m³ respirable dust

Ingredient comments
WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment

Appropriate engineering controls
Well-ventilated area. Keep away from heat, sparks and open flame.

Personal protection
Avoid contact with skin, eyes and clothing.

Eye/face protection
Chemical splash goggles or face shield.

Hand protection
Wear protective gloves.

Other skin and body protection
Wear protective clothing.

Hygiene measures
Good personal hygiene procedures should be implemented.

Respiratory protection
Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Paste.

Colour
Various colours.

Solubility(ies)
Soluble in the following materials: Organic solvents.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability
Stable under the prescribed storage conditions.
Gekko Stikksafe 10

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid  Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products  Thermal decomposition or combustion products may include the following substances: Nitrous gases (NOx). Hydrogen chloride (HCl). Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Respiratory sensitisation  May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin sensitisation  May cause an allergic skin reaction

Carcinogenicity  Suspected of causing cancer.

IARC carcinogenicity  IARC Group 3  Not classifiable as to its carcinogenicity to humans.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity  Not classified as dangerous for the environment according to the criteria of Directive 1999/45/EC

12.2. Persistence and degradability

Persistence and degradability  The product contains persistent (not readily degradable) substances.

12.3. Bioaccumulative potential

Bioaccumulative potential  The product is not bioaccumulating.

12.4. Mobility in soil

Mobility  No information available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment  This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects
**Gekko Stikksafe 10**

**SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**General information**
Waste is classified as hazardous waste. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

**Disposal methods**
Incinerate in suitable combustion chamber. When handling waste, the safety precautions applying to handling of the product should be considered.

**SECTION 14: Transport information**

**Road transport notes**
Not classified.

**Rail transport notes**
Not classified.

**Sea transport notes**
Not classified.

**Air transport notes**
Not classified.

14.1. **UN number**

14.2. **UN proper shipping name**

14.3. **Transport hazard class(es)**

14.4. **Packing group**

14.5. **Environmental hazards**
Environmentally hazardous substance/marine pollutant
No.

14.6. **Special precautions for user**

14.7. **Transport in bulk according to Annex II of MARPOL and the IBC Code**

**SECTION 15: Regulatory information**

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

**EU legislation**

**Authorisations (Title VII Regulation 1907/2006)**
This product is/contains a substance that is included in REGULATION (EC) No 1907/2006 (REACH) ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES.

15.2. **Chemical safety assessment**
No chemical safety assessment has been carried out.
SECTION 16: Other information

Issued by  Compliance Manager
Revision date  07/11/2014
Revision  2
Supersedes date  06/11/2014
SDS number  20625
Risk phrases in full  R20 Harmful by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.
R40 Limited evidence of a carcinogenic effect.
R42/43 May cause sensitisation by inhalation and skin contact.
R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

Hazard statements in full  H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

DIRECTIONS FOR USE

PRODUCT LOGO