

GEA s.r.l.

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TECHNICAL DATA SHEET

MOD. 4.1.2.UK REV3

1. TRADE NAME: GEO PAD

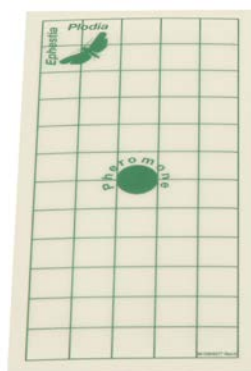
- GEO PAD GREEN: Food moth glue trap pre-baited with specific sexual pheromone for *Plodia interpunctella* and *Ephestia kuehniella*.
- GEO PAD BLU: Clothes moth glue trap pre-baited with specific sexual pheromone for *Tineola bisselliella* and *Tinea pellionella*

- 2. PRODUCT CODE:**
- P-04077 (for food moths);
 - P-04091 (for clothes moth);
 - P-04100 (Fly Inn, GEO PAD holder).

3. PICTURE:



Assembled fly inn
(geo pad holder)



geopad green and geopad blu

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4. TECHNICAL SPECIFICATIONS:

GEO PAD:

Ready to use adhesive cardboard with specific sexual pheromone for food or clothes moths impregnated in the glue.

Trap size: 130 mm x 60 mm.

Trap material: thin cardboard base with plastic coating on both sides; hot melt UV resistant glue; release paper on glue side.

Trap color: cardboard is white on front and rear side. A green grid is printed on the glue side for food moth geo pad and a blue grid is printed on glue side for clothes moth geo pad.; adhesive and pheromone are colorless; release paper can be completely white or white with black print (depending on availability).

FLY INN:

This holder is designed to be hung inside wardrobes using the dedicated hook. It can be also used by lying it inside drawers or shelves of closets or kitchen cabinets.

Size: height 235 mm x width 65 mm x depth 40 mm.

Material: polypropylene.

Color: transparent.

5. HOW TO USE:

Place GEO PAD for food moths:

- In civil and industrial environment where foodstuffs are stocked.

Place GEO PAD for clothes moths:

- In civil and industrial environment wherever clothes or drapery is present (cotton, silk, wool or furs)

Suggested monitoring period: whole year.

Monitoring frequency: Ideally, traps should be inspected on a weekly basis in the summer and fortnightly in the winter.

Replace trap every 3 months or before, depending on number of catches

Storage conditions: Store in a cool and dry room (below 25 °C and below 55% Relative Humidity).

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6. PACKAGING:

GEO PADS:

- PACK: 10 pieces per pack wrapped in triple layer laminated foil PET-ALU-PE
- OUTER CARTON: 100 pieces per outer case (10 packs of 10). Outer case is a brown carton

FLY INN:

- PACK: 10 pieces in transparent polyethylene sachets.
- OUTER CARTON: quantity on request

7. DISPOSAL CONSIDERATIONS:

Waste disposal should be in accordance with existing Community, National and local regulations.



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In compliance with Regulation (EC) nr. 1907/2006 and smi.

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

1.1. Product identifier: **GEA Clothes Moth Mixture for the coating of clothes moth monitoring devices**

Product code: P-04033, P-04034, P-04038, P-04043, P-04044, P-04047, P-04045DIN, P-04099, P-04134 and customized codes.

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Intended Uses: glue pheromone mixture to be used for the coating of the clothes moth monitoring devices for detecting clothes moths (*Tineola bisselliella* and *Tinea pellionella*).

Use advised against: all the uses not included in the identified uses.

1.3. Details of Supplier of the safety data sheet:

GEA s.r.l., Via Fermi, 10 –20019 Settimo Milanese (MI) – Italy

Tel: +39 02 33514890; Fax: +39 02 00665233

Email: msds@geaitaly.it

1.4. Emergency telephone number:

Phone numbers of the main Italian Poison Centers (active 24 hours a day).

Centro Antiveleni di Pavia 0382 24444 (CAV IRCCS Fondazione Maugeri – Pavia).

Centro Antiveleni di Milano 02 66101029 (CAV Ospedale Niguarda Ca' Granda – Milano).

Centro Antiveleni di Bergamo 800 883300 (CAV Ospedali Riuniti – Bergamo).

Centro Antiveleni di Firenze 055 7947819 (CAV Ospedale Careggi – Firenze)

Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Gemelli – Roma)

Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Umberto I – Roma)

Centro Antiveleni di Napoli 081 7472870 (CAV Ospedale Cardarelli – Napoli).

Manufacturer emergency telephone number (available from 9.00 to 18.00, from Monday to Friday, only for technical assistance, not for medical care): +39 02 33514890

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

The product is not classified according to Regulation (EC) n.1272/2008 (CLP: classification, labelling and packaging of substances and mixes).

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

2.3. Other hazards:

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.



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SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**3.2 Chemical characterization: Mixtures.****Description:** Hot melt adhesive added with pheromone mix.

Components	CAS	EC Number/ REACH - Reg. No	Content	Classification
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	247-384-8 01-2119955688-17	0.5% - <1%	STOT RE 2; Oral H373 Aquatic Chronic 4 H413 Substances of Very High Concern (SVHC) in the Candidate List for Authorization

Additional information: for the wording of the listed risk phrases refer to section 16.**SECTION 4. FIRST AID MEASURES****4.1. Description of first aid measures:****General information:** No special measures required. Only the molten, hot material has to be considered as dangerous. Risk of burn with molten material.**After inhalation:** Supply fresh air; consult doctor in case of symptoms.**After skin contact:** Call a doctor immediately. After contact with the molten product, cool rapidly with cold water. Do not pull solidified product away from the skin. Seek medical treatment.**After eye contact:** Seek immediate medical advice.**After ingestion:** Do not induce vomiting; instantly call for medical help.**4.2. Most important symptoms and effects, both acute and delayed:** No data available.**4.3. Indication of any immediate medical attention and special treatment needed**

no data available.

SECTION 5. FIRE FIGHTING MEASURES**5.1. Extinguishing media:****Suitable extinguishing media:** water haze, dry powder, CO₂.**5.2. Particular hazards arising from the substance or mixture**

No further relevant information available.

5.3. Advice for fire-fighters**Protective equipment:** No special measures required.**SECTION 6. ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Not required.

6.2. Environmental precautions

Do not allow product to reach sewage system or water bodies.

6.3. Methods and material for containment and cleaning up

Collect mechanically.

6.4. References and other sections: No dangerous materials are released. See section 7, 8 and 13.



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SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling: No special precautions necessary if used correctly.

Information about protection against explosions and fires: No special measures required.

7.2. Conditions for safe storage, including any incompatibilities:

Storage

- **Requirements to be met by storerooms and containers:** Keep dark, cool and dry.
- **Information about storage in one common storage facility:** Store away from oxidizing agents and strong bases.

Further information about storage conditions: None.

7.3. Specific end use(s):

No additional information available.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters:

Components with critical values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: Based on information valid at the time of writing.

8.2. Exposure controls:

Personal protective equipment:

General protective and hygienic measures: Avoid skin contact with the liquefied material.

Breathing equipment: Not required.

Protection of hands: Heat protection gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves: Heat protection gloves.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

General Information:

Appearance:

Form: Solid

Colour: transparent.

Smell: Characteristic

Odour threshold: Not determined

pH-value: Not applicable

Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

Flash point: > 200 °C

Inflammability (solid, gaseous) Not determined.

Ignition temperature:

Decomposition temperature: Not determined.

Self-inflammability: Product is not self igniting.

Danger of explosion: Product is not explosive.

- **Critical values for explosion:**

Lower: 1.0 Vol %

Upper: 10.0 Vol %



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Vapour pressure at 20 °C: 0 mbar
Density: Not determined
Relative density: Not determined
Vapour density: Not applicable
Evaporation rate: Not applicable
Water: Insoluble
Partition coefficient (n-octanol/water): Not determined
Viscosity:
dynamic: Not applicable.
kinematic: Not applicable.
Solvent content:
Organic solvents: 0.0 %
Solids content: 100.0 %

· **9.2 Other information:** No further relevant information available.

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** stable in standard stocking and use conditions.
- 10.2. Chemical stability:** stable in standard stocking and use conditions.
- Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- 10.3. Possibility of hazardous reactions:** No dangerous reactions known.
- 10.4. Conditions to avoid:** No further relevant information available.
- 10.5 Incompatible materials:** strong oxidizing agents and strong bases.
- 10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11. TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects:**
- Acute toxicity:**
- Primary irritant effect:**
on the skin: No irritant effect.
on the eye: No irritant effect.
- Sensitization:** No sensitizing effect known.
- Additional toxicological information:** The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12. ECOLOGICAL INFORMATION

- 12.1. Toxicity:**
- Aquatic toxicity:** No further relevant information available.
- 12.2. Persistence – Degradability:** No further relevant information available.
- 12.3. Bioaccumulative potential:** No further relevant information available.
- 12.4. Mobility in soil:** No further relevant information available.
- Additional ecological information:**
General notes: Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- 12.5. Results of PBT and vPvB tests:**



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PBT: not applicable.

vPvB: not applicable.

12.6. Other collateral effects: No further relevant information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Incineration under approved, controlled conditions using incinerators suitable or designed for the disposal of hazardous chemical wastes, is the preferred method for disposal.

European waste catalogue

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

Transportation information:

14.1 UN-Number

ADR, ADN, IMDG, IATA: Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA: Void

14.3 Transport hazard class(es):

ADR, IMDG, IATA Class: Void. Not regulated.

ADN/R Class: Void

14.4 Packing group

ADR, IMDG, IATA: Void

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user: Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

UN "Model Regulation": -

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environment regulation/legislation specific for the substance or mixture: No further relevant information available.

15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The information provided about the product on this Safety Sheet has been compiled from knowledge of the individual constituent. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

Relevant phrases

H373 May cause damage to organs through prolonged or repeated exposure.

H413 May cause long lasting harmful effects to aquatic life.

Department issuing data sheet: Regulatory department



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Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

Aquatic Chronic 4: Hazardous to the aquatic environment - Chronic Hazard, Category 4.

This sheet was issued on the 13th of November 2015.