

SAFETY DATA SHEET



Cookson Electronics ASSEMBLY MATERIALS

Hawk White 400g

1. Identification of the preparation and of the company

Product name : Hawk White 400g**Code** : 61024**Head Office** : **Cookson Electronics**
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Fax: +44(0)1483 728837**Contact person** : shosken@cooksonelectronics.com**Material uses** : Sealants

2 Hazards identification

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

Effects and symptoms

Skin contact : Slightly hazardous by the following route of exposure: of skin contact (irritant).**Eye contact** : Slightly hazardous by the following route of exposure: of eye contact (irritant).**Toxicity data** : Not available.**See section 11 for more detailed information on health effects and symptoms.**

3 Composition/information on ingredients

Substance/preparation : Preparation

| Ingredient name | CAS number | % | EC number | Classification |
|--|------------|---------|-----------|-----------------|
| Europe kaolin See section 16 for the full text of the R-phrases declared above | 1332-58-7 | 40 - 60 | 310-194-1 | Not classified. |

Occupational exposure limits, if available, are listed in section 8.

The classifications listed, indicate the potential hazards of the ingredients

4. First-aid measures

First-aid measures

- Inhalation** : Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately.
- Ingestion** : Wash out mouth with water. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. If unconscious, place in recovery position and get medical attention immediately.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Date of issue : 23/09/2010.

1/7

4. First-aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : No specific fire or explosion hazard.
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : Keep unnecessary personnel away. Use suitable protective equipment (section 8).
- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Large spill** : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.
- Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). Workers should wash hands and face before eating, drinking and smoking. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container.
- Storage** : Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
- Packaging materials**
- Recommended** : Use original container.

8. Exposure controls/personal protection

Exposure limit values

| <u>Ingredient name</u> | <u>Occupational exposure limits</u> |
|--|--|
| Europe kaolin | ACGIH TLV (United States, 1/2008). TWA: 2 mg/m ³ 8 hour(s). Form: Respirable fraction |
| Sweden No exposure limit value known. | |
| Denmark kaolin | Arbejdstilsynet (Denmark, 3/2008). TWA: 2 mg/m ³ 8 hour(s). Form: respirable dust |
| Norway No exposure limit value known. | |
| France kaolin | INRS (France, 12/2007). Notes: indicative exposure limits TWA: 10 mg/m ³ 8 hour(s). |
| calcium carbonate | INRS (France, 12/2007). Notes: indicative exposure limits TWA: 10 mg/m ³ 8 hour(s). |
| Netherlands kaolin | Nationale MAC-lijst (Netherlands, 7/2006). Notes: Administrative OEL, 8-h TWA: 10 mg/m ³ 8 hour(s). |
| Germany No exposure limit value known. | |
| Finland kaolin | Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland, 8/2007). TWA: 10 mg/m ³ 8 hour(s). |
| calcium carbonate | Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland, 8/2007). TWA: 10 mg/m ³ 8 hour(s). |
| United Kingdom (UK) kaolin | EH40/2005 WELs (United Kingdom (UK), 8/2007). TWA: 2 mg/m ³ 8 hour(s). Form: respirable dust |
| calcium carbonate | EH40/2005 WELs (United Kingdom (UK), 8/2007). TWA: 10 mg/m ³ 8 hour(s). Form: inhalable dust TWA: 4 mg/m ³ 8 hour(s). Form: respirable dust |
| Austria No exposure limit value known. | |
| Switzerland kaolin | SUVA (Switzerland, 1/2007). Notes: not temporary TWA: 3 mg/m ³ 8 hour(s). Form: respirable dust |
| Belgium kaolin | Lijst Grenswaarden / Valeurs Limites (Belgium, 6/2007). TWA: 2 mg/m ³ 8 hour(s). Form: respirable fraction |
| Spain kaolin | INSHT (Spain, 1/2008). TWA: 2 mg/m ³ 8 hour(s). Form: respirable fraction |
| calcium carbonate | INSHT (Spain, 1/2008). TWA: 10 mg/m ³ 8 hour(s). |
| Turkey kaolin | NIOSH REL (United States, 6/2008). TWA: 5 mg/m ³ 10 hour(s). Form: Respirable fraction TWA: 10 mg/m ³ 10 hour(s). Form: Total |
| Czech Republic | |

8. Exposure controls/personal protection

No exposure limit value known.

Ireland

kaolin

NAOSH (Ireland, 8/2007).

OELV-8hr: 2 mg/m³ 8 hour(s). Form: respirable dust

Italy

kaolin

ACGIH TLV (United States, 1/2008).

TWA: 2 mg/m³ 8 hour(s). Form: Respirable fraction

Estonia

No exposure limit value known.

Lithuania

No exposure limit value known.

Slovakia

No exposure limit value known.

Hungary

No exposure limit value known.

Poland

kaolin

Ministra Pracy i Polityki Społecznej (Poland, 9/2007).

TWA: 10 mg/m³ 8 hour(s). Form: total dust

calcium carbonate

Ministra Pracy i Polityki Społecznej (Poland, 9/2007).

TWA: 10 mg/m³ 8 hour(s). Form: Dusts

Slovenia

No exposure limit value known.

Latvia

calcium carbonate

LV Nat. Standardisation and Meterological Centre (Latvia, 5/2007).

TWA: 6 mg/m³ 8 hour(s).

Greece

No exposure limit value known.

Portugal

kaolin

Instituto Português da Qualidade (Portugal, 3/2007).

TWA: 2 mg/m³ 8 hour(s). Form: respirable fraction

Recommended monitoring procedures : Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Exposure controls

Occupational exposure controls : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection : Recommended:None assigned.

Hand protection : Recommended: disposable vinyl

Eye protection : Recommended:None assigned.

Skin protection : Recommended:None assigned.

8. Exposure controls/personal protection

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

General information

Appearance

Physical state : Solid. [paste]

Colour : Off-white.

Odour : Characteristic.

Important health, safety and environmental information

Solubility : Insoluble in the following materials: cold water and hot water.

VOC content : 0 % (w/w) [ISO % 11890-2]

10. Stability and reactivity

Stability : The product is stable.

Conditions to avoid : No specific data.

Materials to avoid : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Potential acute health effects

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Eye contact : No known significant effects or critical hazards.

Acute toxicity

Over-exposure signs/symptoms

Target organs : Contains material which may cause damage to the following organs: upper respiratory tract, stomach.

12. Ecological information

Aquatic ecotoxicity

Biodegradability

Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

European waste catalogue (EWC) : 16 03 04 inorganic wastes other than those mentioned in 16 03 03

Date of issue : 23/09/2010.

5/7

13. Disposal considerations

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. Transport information

International transport regulations

| Regulatory information | UN number | Proper shipping name | Classes | PG* | Label | Additional information |
|------------------------|----------------|----------------------|---------|-----|-------|------------------------|
| ADR/RID Class | Not regulated. | - | - | - | | - |
| IMDG Class | Not regulated. | - | - | - | | - |
| IATA Class | Not regulated. | - | - | - | | - |

PG* : Packing group

15. Regulatory information

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Risk phrases : This product is not classified according to EU legislation.

Safety phrases : S37- Wear suitable gloves.

Product use : Consumer applications, Industrial applications.

Other EU regulations

France

Professional disease or diseases : kaolin RG 25

Germany

Hazard class for water : 3 Appendix No. 4

Technical instruction on air quality control : TA-Luft Number 5.2.1: 69.4%

Italy

Emission control directive : Not classified.

16. Other information

History

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✔ Indicates information that has changed from previously issued version.

References

The Health and Safety At Work Act 1974, section 6.
Control of Substances Hazardous to Health (CoSHH) Regulations 2002 and its amendments.

Preparation contains solely TSCA and REACH 1907/2006 listed substances.

16. Other information

This safety data sheet has been prepared in accordance with the requirements of the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 which implement EC Directives 1999/45/EC and 2001/58/EC and their amendments.

[Notice to reader](#)

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.