



SAFETY DATA SHEET
OPT7020A

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Dated 22/08/2019

SECTION 1: Identification of the substance/mixture and the company/undertaking	
1.1. Product Identifier	
Product Name	Opti-tec 7020 Part A
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Intended use	Silicone Encapsulant
1.3. Details of the supplier of the safety data sheet	
Name	Intertronics
Full address	12a Station Field Industrial Estate Banbury Road Kidlington Oxfordshire OX5 1JD England
email address of the competent person responsible for the Safety Data Sheet	msds@intertronics.co.uk
1.4. Emergency telephone number	+44 1865 842842
For urgent enquiries refer to	+44 1865 842842

SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	
This product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).	
2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments	
Hazard classification and indication	-
2.2. Label elements	
Hazard pictograms	-
Signal words	-
Hazard statements	-
Precautionary statements	-
2.3. Other hazards	
Information not available	

SECTION 3: Composition/information on ingredients
3.1. Substances This product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).
3.2. Mixtures Information not relevant
SECTION 4: First aid measures
4.1. Description of first aid measures Not specifically necessary. Observance of good industrial hygiene is recommended.
4.2. Most important symptoms and effects, both acute and delayed No episodes of damage to health ascribable to the product have been reported
4.3. Indication of any immediate attention and special treatment needed Information not available
SECTION 5: Firefighting measures
5.1. Extinguishing media SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular
5.2. Special hazards arising from the substance or mixture HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products
5.3. Advice for firefighters GENERAL INFORMATION Use jets of water to cool the containers to prevent decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for the extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Normal fire fighting clothing ie fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open and circuit positive pressure compressed air breathing apparatus (BS EN 137)
SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures Use breathing equipment if the fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures
6.2. Environmental precautions. The product must not penetrate into the sewer system or come into contact with surface water or ground water.
6.3. Methods and material for containment and cleaning up Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.
6.4. Reference to other sections Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage
7.1. Precautions for safe handling Before handling the product, consult all other sections of the material safety data sheet. Do not eat, drink or smoke during use.
7.2. Conditions for safe storage, including any incompatibilities Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details
7.3. Specific end use(s) Information not available

SECTION 8: Exposure controls/personal protection
8.1. Control parameters Information not available
8.2. Exposure controls RESPIRATORY PROTECTION None required EYE PROTECTION None required HAND PROTECTION None required SKIN PROTECTION None required

SECTION 9: Physical and chemical properties	
9.1. Information on basic physical and chemical properties	
Appearance	Viscous liquid
Colour	Colourless
Odour	Mild
Odour threshold	Not available
pH	Not available
Melting/freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	>180 ⁰ C
Evaporation rate	Not available
Flammability of solids and gases	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	Immiscible with water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	>400 ⁰ C
Decomposition temperature	Not available

Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available
9.2. Other information	Information not available

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use

10.2. Chemical stability

The product is stable in normal conditions of use and storage

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage

10.4. Conditions to avoid

None in particular, however the usual precautions used for chemical products should be respected.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11: Technological information

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices

11.1. Information on toxicological effects

Information not available

SECTION 12: Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation

12.1. Toxicity

Information not available

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%

12.6. Other adverse effects

Information not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Avoid littering. Do not contaminate soil, sewers and waterways

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations

SECTION 14: Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID) of the international Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations

SECTION 15: Regulatory information	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Seveso category:	None
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006:	None
Substances in Candidate List (Art.59 REACH):	None
Substances subject to authorisation (Annex XIV REACH):	None
Substances subject to exportation reporting pursuant to (EC) Reg. 689/2008:	None
Substances subject to the Rotterdam Convention:	None
Substances subject to the Stockholm Convention:	None
Healthcare controls:	Information not available
15.2. Chemical safety assessment	
No chemical safety assessment has been processed for the mixture and the substances it contains	

SECTION 16: Other information
LEGEND: - ADR: European Agreement concerning the carriage of Dangerous goods by Road - CAS NUMBER: Chemical Abstract Service Number - CE50: Effective concentration (required to induce a 50% effect) - CE NUMBER: Identifier in ESIS (European archive of existing substances) - CLP: EC Regulation 1272/2008 - DNEL: Derived No Effect Level - EmS: Emergency Schedule - GHS: Globally Harmonized System of classification and labelling of chemicals - IATA DGR: International Air Transport Association Dangerous Goods Regulation - IC50: Immobilization Concentration 50% - IMDG: International Maritime Code for Dangerous Goods - IMO: International Maritime Organisation - INDEX NUMBER: Identifier in Annex VI of CLP - LC50: Lethal Concentration 50% - LD50: Lethal Dose 50% - OEL: Occupational Exposure Level - PBT: Persistent Bioaccumulative and Toxic as REACH Regulation - PEC: Predicted Environmental Concentration - PEL: Predicted Exposure Level - PNEC: Predicted No Effect Concentration - REACH: EC Regulation 1907/2006 - RID: Regulation concerning the international transport of dangerous goods by train - TLV: Threshold Limit Value - TLV Ceiling: Concentration that should not be exceeded during any tie of occupational exposure - TWA STEL: Short-Term Exposure Level - TWA: Time-Weighted Average Exposure Limit - VOC: Volatile Organic Compounds - vPvB: Very Persistent and Very Bioaccumulative as for REACH Regulation GENERAL BIBLIOGRAPHY 1. Directive 1999/45/EC and following amendments 2. Directive 67/548/EEC and follow amendments and adjustments 3. Regulation (EC) 1907/2006 (REACH) of the European Parliament 4. Regulation (EC) 1272/2008 (CLP) of the European Parliament 5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament 6. Regulation (EC) 453/2010 of the European Parliament 7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament 8. The Merck Index – 10th Edition 9. Handling Chemical Safety 10. Niosh – Registry of Toxic Effects of Chemical Substances 11. INRS – Fiche Toxicologique (toxicological sheet) 12. Patty – Industrial Hygiene and Toxicology

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| <p>13. N.I. Sax – Dangerous properties of Industrial Materials–7, 1989 Edition</p> <p>14. ECHA website</p> |
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Note for users:

The information contained in the present sheet is based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.