

ISOMARK REPLICATING COMPOUNDS

MATERIAL SAFETY DATA SHEET

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Issue No.4

Issue date: 01/07/09

1. PRODUCT / COMPANY IDENTIFICATION

Product:

"ISOMARK" SILICONE POLYMER COMPOUNDS"

(Including: "ISOMARK T-1 Grey", "ISOMARK T-2 Grey", "ISOMARK F-1 Grey"
"ISOMARK T-1 Black", "ISOMARK T-2 Black", ISOMARK F-1 Black"
"F-2 Grey", "F-2 Black" "ISOMARK FOOTPRINT", "ISOMARK XF
White", "ISOMARK XF Black")

Company: ISOMARK LTD
261 Weddington Road, Nuneaton
Warwickshire CV10 0HE, U.K.

Emergency Phone: +44 (0)2476 387438

2. COMPOSITION:

ISOMARK products are formulated as mixtures of the following compounds:

Siloxanes:- Polymethylvinyl-, Polymethoxyvinyl-, Polyorgano-, Polymethylhydrogeno-

Organic Compounds:- Silicone/alcoylene polyoxide, polyoxyalcoyleneglycol acetate.

Inorganic Compounds:- Silica, Carbon, Platinum (complexed).

(A trace of chloroplatanic acid impurity may also be present)

3. HAZARDS

None of the ingredients are classified as dangerous.

4. FIRST AID

Eye Contact: Wash immediately with plenty of water. If irritation persists seek medical advice.

Skin Contact: Wipe off and wash with soap and water.

Inhalation: Not applicable.

Ingestion: Induce vomiting. Seek medical advice.

5. FIRE FIGHTING MEASURES

All standard fire fighting media may be used.

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6. ACCIDENTAL RELEASE MEASURES

Wear protective gloves. Avoid eye contact. Absorb spillage into sand or earth or other inert material and recover into containers for disposal. Do not dispose of into drains or rivers

7. HANDLING AND STORAGE

Personal Precautions:

Under normal usage the ISOMARK application system will allow the material to be dispensed safely and cleanly to the appropriate location without the need for protective gloves or goggles, however, these may be worn as a precaution especially in confined or difficult working conditions. Cured products are harmless.

Handling: Stable under normal conditions of use

Storage: Stable under normal storage conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection (specify type) : Not required

Ventilation :

Local Exhaust : Not required

Mechanical (general) : Not required

Special : Not required

Other : Not required

Protective Gloves : Plastic film

Other Protective Clothing or Equipment : Eyewash equipment.

Work / Hygienic Practices :

Keep away from heat and flame.

Avoid contact with eyes and prolonged or repeated skin contact.

Avoid contact with acidic, basic or oxidizing materials.

Wash hands after handling.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Grey viscous liquid / Black viscous liquid
Odour:	Slight
pH:	Not applicable
Decomposition:	Approx. 200 ⁰ C
Flash Point:	>150 ⁰ C
Flammability:	Not applicable
Autoflammability:	>400 ⁰ C
Oxidising properties:	Not applicable
Specific gravity:	1.1
Solubility:	Insoluble in water

10. STABILITY AND REACTIVITY

Compounds are considered to be stable when kept and used under recommended conditions. On heating and burning at temperatures above 200⁰C corrosive, toxic vapours are released containing silica dust and oxides of carbon.

Hydrogen may be released when in contact with alkaline material, chemical compounds containing mobile hydrogen or with metallic salts or complexes.

11. TOXICOLOGY INFORMATION

The material is non-toxic.

Effects of exposure:

<i>Inhalation:</i>	N/A
<i>Skin contact:</i>	N/A
<i>Eye contact:</i>	May cause slight irritation

12. ECOLOGICAL INFORMATION

Mobility :	N/A
Persistence and degradability:	N/A
Bioaccumulative potential:	N/A
Ecotoxicity:	N/A

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13. DISPOSAL CONSIDERATIONS

Can be burned in a chemical incinerator equipped with an afterburner and scrubber.
Do not dispose of the emptied container unlawfully.
Observe all federal, state, and local laws.
Cured product can be disposed of as non-hazardous waste.

14. TRANSPORT INFORMATION

UN No. : None

IMO Classification and Class : None

Packaging Group : None

Proper Shipping Name : None

Technical Shipping Name : None

Marine Pollutant : None

DOT Reportable Quantity (RQ) : Not Applicable

Hazard Substance(s) Name / (CAS No.), Contents and RQ : Not Applicable

15. REGULATORY INFORMATION

Classification, packaging and labelling of dangerous substances regulations 1984:

Classification / symbol:	N/A
Risk phrases:	N/A
Safety phrases:	N/A

16. OTHER INFORMATION

This material safety data sheet is offered solely for your information, consideration, and investigation. The data described in this MSDS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product. ISOMARK LTD provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.