

MATERIAL SAFETY DATA SHEET

Date Issued: 05/16/2008
 MSDS No: IS1003
 Date Revised: 02/05/2014
 Revision No: 1

TROPICALGIN L.L.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TROPICALGIN L.L.
PRODUCT DESCRIPTION: Three phase chromatic alginate for dental impression material
PRODUCT CODE: 302240; 302241
GENERIC NAME: Chromatic Alginate

MANUFACTURER

Zhermack, Inc.
 151 Industrial Way East Bldg. B
 Eatontown, NJ 07724

DISTRIBUTOR

Ortho Technology, Inc.
 17401 Commerce Park Boulevard
 Tampa, FL 33647
Product Stewardship: 1-800-999-3161

2. HAZARDS IDENTIFICATION

COMMENTS: Preparation not classified dangerous

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS
Potassium fluotitanate	16919-27-0

4. FIRST AID MEASURES

EYES: Wash immediately with water for at least 10 minutes
SKIN: The specific indications will not cause irritation
INGESTION: If swallowed in a small quantity the product is harmless, otherwise consult a doctor.
INHALATION: Ventilate the premises

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water, CO₂, foam chemical powders, according to the materials involved in the fire.
FIRE FIGHTING PROCEDURES: Avoid inhaling the fumes.
FIRE FIGHTING EQUIPMENT: Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

ENVIRONMENTAL PRECAUTIONS

LAND SPILL: Limit leakages with earth or sand.

7. HANDLING AND STORAGE

HANDLING: Avoid contact and inhalation of the vapors. Do not eat or drink while working. See, too, paragraph 8 below.

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STORAGE: Keep the closed container at a temperature varying from 5 C to 27 C (41 - 80 F)

COMMENTS: Technical measures: satisfactory room ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Give adequate ventilation to the premises where the product is stored and/or handled.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Not needed for normal use.

SKIN: No special precaution must be adopted for normal use.

RESPIRATORY: None required under normal use

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Yellow powder

ODOR: Tropical

PHYSICAL STATE COMMENTS: Water contact causes an elastic product.

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None

INCOMPATIBLE MATERIALS: None

11. TOXICOLOGICAL INFORMATION

COMMENTS: The product tried in 1:2 ratio (as normally used) doesn't have cytotoxic effects on the L929 cellular line. Set out below is the toxicological information relating to the main substances in the preparation.

Swallowing: Acute exposition at fluorine components may cause burning in the digestive tract.

Inhalation: may cause irritations in the respiratory tracts.

12. ECOLOGICAL INFORMATION

COMMENTS: Use according to good working practices

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Comply with the local and national regulations currently in force. Waste not dangerous.

14. TRANSPORT INFORMATION

COMMENTS: Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

GENERAL COMMENTS: For Potassium fluorotitanate: R20/21: Harmful by inhalation and in contact with skin; R25: Toxic if swallowed.

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COMMENTS The preparation should not be considered as dangerous according to Directive 88/379/EEC. Medical Device CE marked according to the Directive 93/42/EEC.

16. OTHER INFORMATION

REASON FOR ISSUE: Reviewed on 6/25/2013 - No updates needed

APPROVED BY: P. Wilkens **TITLE:** VP Marketing and Product Development

PREPARED BY: T. Bouchard

INFORMATION CONTACT: 1-800-999-3161

REVISION SUMMARY: This MSDS replaces the 02/05/2014 MSDS. Revised: Section 1: REASON FOR ISSUE.

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