

SAFETY DATA SHEET



Date Issued : 04/12/2011
 MSDS No : 298-001.3
 Date-Revised : 07/26/2012
 Revision No : 2

Chromaclone® Ortho & Chromaclone® Ortho 5-day stability

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Chromaclone® Ortho & Chromaclone® Ortho 5-day stability

PRODUCT DESCRIPTION: Alginate Impression Material

PRODUCT CODE/ PART #: Catalog Part# 5500, 5501, 5502, 5503

MANUFACTURER

Opal® Orthodontics
 505 W 10200 S
 South Jordan, UT 84095
Emergency Phone: 888-863-5883

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (NORTH AMERICA) :(800) 424 - 9300
(INTERNATIONAL) :+1(703) 527 - 3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Wt.%
Silica, Cristobalite	14464-46-1	--	Xn; R48/20	< 50
Potassium fluotitanate	16919-27-0	240-969-9	T; R23	1 - 5

(Full text of R-Phrases can be found under heading 16)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: No specific hazards are encountered under normal product use.

POTENTIAL HEALTH EFFECTS

EYES: None Expected.

SKIN: None Expected.

INGESTION: None Expected.

INHALATION: None Expected.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed in small quantity the product is harmless, otherwise consult a doctor.

INHALATION: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

FIRE FIGHTING EQUIPMENT: Water spray, fog, or mist, foam, dry chemical, carbon dioxide(CO₂)

6. ACCIDENTAL RELEASE MEASURES

SAFETY DATA SHEET



Date Issued : 04/12/2011
MSDS No : 298-001.3
Date-Revised : 07/26/2012
Revision No : 2

Chromaclone® Ortho & Chromaclone® Ortho 5-day stability

SMALL SPILL: Shovel or vacuum spill and place in a container for disposal.

LARGE SPILL: If there is leakage and product enters the drainage system, contaminates the ground/vegetation, notify the authorities of proper cleaning procedures.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow to enter sewers or drains that may lead to waterways.

7. HANDLING AND STORAGE

HANDLING: Use suitable protective equipment.

STORAGE: Keep in a cool, well ventilated place in a closed container between 5-27°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY: S51: Use only in well-ventilated areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Bubblegum

COLOR: Blue Powder

pH: N/A

SOLUBILITY IN WATER: Partially soluble in water.

10. STABILITY AND REACTIVITY

STABILITY: Stable when stored and handled under recommended conditions.

11. TOXICOLOGICAL INFORMATION

COMMENTS: The product tried in 1:2 ratio (as the normally use) doesn't have citotoxic 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. Inhalation: may cause irritations in the respiratory tracts.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in compliance with governmental regulation.(EC 1975L0442-20/11/2003)

14. TRANSPORT INFORMATION

ROAD AND RAIL (ADR/RID)

LABEL: Not classified

AIR (ICAO/IATA)

LABEL: Not classified

SAFETY DATA SHEET



Date Issued : 04/12/2011

MSDS No : 298-001.3

Date-Revised : 07/26/2012

Revision No : 2

Chromaclone® Ortho & Chromaclone® Ortho 5-day stability

VESSEL (IMO/IMDG)

LABEL: Not classified

15. REGULATORY INFORMATION

COMMENTS D/Lgs.65/03 (Classification, Packing and Labelling of the preparation dangerous): The preparation should not be considered as dangerous accordingly to dir. 88/379/EEC. Medical Device CE marked according to the Directive 93/42/EEC.

16. OTHER INFORMATION

RELEVANT R-PHRASES: R48/20: Harmful : danger of serious damage to health by prolonged exposure through inhalation.

R23: Toxic by inhalation.

PREPARED BY: Susan Scott

REVISION SUMMARY: This MSDS replaces the 09/08/2011 MSDS. Revised: **Section 1:** PRODUCT CODE/ PART #. **Section 2:** POTENTIAL HEALTH EFFECTS (SKIN, INHALATION, INGESTION). **Section 3:** Wt.%. **Section 4:** INHALATION, SKIN. **Section 7:** HANDLING. **Section 9:** pH, SOLUBILITY IN WATER. **Section 11:** COMMENTS. **Section 15:** COMMENTS.

MANUFACTURER DISCLAIMER: FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.