DENTSPLY
RAINTREE ESSIX

Safety Data Sheet
ESSIX PLUS
0290-FD-MSDS-004
Rev 1

1. PRODUCT IDENTIFICATION

Trade Name (as labeled):	ESSIX PLUS
Chemical Name/Classification:	Co-polyester
Product Identifier (Part/Item Number):	1APLXXX
U.N. Number:	N/A
U.N. Dangerous Goods Classification:	N/A
Recommended Use:	See Directions For Use
Restrictions on Use:	See Directions For Use
Manufacturer/Supplier Name:	Dentsply Raintree Essix
Manufacturer/Supplier Address:	7290 26th Court East, Sarasota, FL 34243
Manufacturer/Supplier Telephone Number:	800-883-8733 (Product Information)
Emergency Contact Telephone Number:	800-883-8733
Email address:	Sales@Essix.com

2. HAZARD(s) IDENTIFICATION

CAUTION!
POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES
MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS
HMIS Hazard Ratings
Health 1
Flammability 1
Chemical Reactivity 0
NOTE: HMIS ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

DENTSPLY
RAINTREE ESSIX

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Weight %	Component	CAS #
94 - 100	Co-polyester	Proprietary
0.0 - 6.0	Additive	Proprietary

4. FIRST-AID MEASURES

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Eyes: If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.
Skin: If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin.
Ingestion: Get medical advice.
Note to Physicians: Burns should be treated as thermal burns. The material will come off as healing occurs; therefore immediate removal from skin is not necessary.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: water spray, carbon dioxide, dry chemical
Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.
Hazardous Combustion Products: carbon dioxide, carbon monoxide
Unusual Fire and Explosion Hazards: Powdered material may form explosive dust-air mixtures.

6. ACCIDENTAL RELEASE MEASURES

Sweep or scoop up and remove.

7. HANDLING AND STORAGE

Personal Precautionary Measures: Avoid contact with molten material.
Prevention of Fire and Explosion: Keep from contact with oxidizing materials. Minimize dust generation and accumulation. In the United States of America, refer to NFPA Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."
Storage: Keep material wrapped

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Country specific limits have not been established or are not applicable unless listed below.

Ventilation: Good general ventilation (typically 10 ventilation changes/hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, mechanical generation of dusts, heating and drying, etc.
Respiratory Protection: If engineering controls do not maintain airborne concentrations to an acceptable level an approved respirator must be worn. If respirators are used a program should be instituted to assure compliance with OSHA standard 63 FR 1152, January 8, 1998. Respirator type: dust
Eye Protection: It is a good industrial hygiene practice to minimize eye contact.
Skin Protection: It is a good industrial hygiene practice to minimize skin contact. When material is heated, wear gloves to protect against thermal burns.
Recommended Decontamination Facilities: eye bath, washing facilities

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: solid (roll or sheet stock)
Color: Color can vary per order
Odor: Slight
Odor Threshold: not available
Specific Gravity: (water = 1): >1
Solubility in Water: negligible
pH: not available
Flash point: not applicable, combustible solid

10. STABILITY AND REACTIVITY

Stability: Not fully evaluated. Materials containing similar structural groups are normally stable.
Incompatibility: Material can react with strong oxidizing agents.
Hazardous polymerization: will not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity data, if available is listed below. Additional toxicity data may be available on request.

Effects of Exposure
Inhalation: Low hazard for usual industrial handling or commercial handling by trained personnel.
Eyes: Molten material will produce thermal burns.
Skin: Molten material will produce thermal burns.
Ingestion: Expected to be a low ingestion hazard.

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12. ECOLOGICAL INFORMATION

This material has not been tested for environmental effects.

13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Incinerate.

14. TRANSPORT INFORMATION

DOT (USA): not regulated
Air: - International Civil Aviation Organization (ICAO) Status: not regulated
Sea: - International Maritime Dangerous Goods (IMDG) Status: not regulated

15. REGULATORY INFORMATION

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA (US Toxic Substances Control Act): All components of this product are listed on the TSCA inventory. Any Impurities present in this product are exempt from listing.

Carcinogenicity Classification (components present at 0.1% or more): None

SARA 313: None

Note:
The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

16. OTHER INFORMATION

This SDS is reproduced from supplier's original SDS

Supplier's SDS Preparation/Revision Date: 07/05/2012, Rev 2

END OF MSDS