

MATERIAL SAFETY DATA SHEET "ECO 30 - ERGONOM X" X-RAY SELF DEVELOPING DENTAL FILM SECURITY FORM AG 01

MANUFACTURER: DENTALFILM s.r.l. - Via Verga, 30 - 10036 SETTIMO T.SE (TO)

1. IDENTIFICATION

CHEMICAL NAME: /

COMMERCIAL NAME: **SELF DEVELOPING FILM FOR STOMATOLOGICAL PURPOSES**

CHEMICAL ABSTRACT SYSTEM: / (see CAS on point 3)

CHEMICAL FORMULA: /

MOLECULAR / ATOMIC WEIGHT: /

2. COMPOSITION AND INFORMATION ON THE INGREDIENTS

The product is composed by:

- Monobath solution
- Metallized packet made with PP + PET
- Radiographic film
- Packet made with PVC

3. DANGERS IDENTIFICATIONS

According to the Ministry Decrete of 28.01.1992, "Classification and discipline of packing and labelling of dangerous products following the EEC Council and Commission Outlines", the monobath is **NOT** classified as toxic/injurious or hazardous even if considered by sum.

4. FIRST AID MEASURES

Avoid ingestion of the liquid, contact with skin and eyes.

Wear individual protective clothes in order to avoid direct contact of the solution with skin and eyes.

5. FIRE AND EXPLOSION DATA

Product is slightly flammable.

If involved in combustion material fire event, product may expel toxic smokes (NO_x SO_x).

6. SPILL OR LEAKAGE PROCEDURES

Absorb liquid with sand or similar absorbing materials. Wash area with detergent and water.

7. HANDLING AND STOCKING

Store between +10° e +24°C, apart from heat and light sources, in dry and fresh place.

Avoid long and repeated contacts of liquid with skin.

8. HEALTH HAZARD DATA

Avoid contacts of liquid in case of skin and eyes. Avoid ingestion.

Sensitive individuals may experience an allergic cutaneous reaction (ECZEMA) with repeated contacts with the liquid.

CONTACT OF THE LIQUID WITH SKIN: Wash immediately with water and detergent.

CONTACT OF THE LIQUID WITH EYES: Wash immediately and flush eyes; consult Ophthalmologist.

INGESTION OF LIQUID: Drink water, induce vomiting; consult Physician.

INHALATION OF LIQUID: N / A

9. PHYSICAL DATA

PHYSICAL STATE: Plastic Foil containing a Liquid Pouch and X-Ray Film

COLOUR: green (external)

SMELL: /

pH: 10-12

SOLUBILITY IN WATER: Blendable

DENSITY (water = 1): 1,08 circa

BOILING POINT: 100° circa

FLASH POINT: /

FLAMING POINT: /

10. REACTIVITY DATA

Solution is slightly alkaline. Avoid blending with strong acids and strong oxidants.

11. ECOLOGIC DATA

The important components from the ecological point of view are:

COMPONENTS OF MONOBATH SOLUTION:

1,4- DIHYDROXYBENZENE (HYDROCHINONE) CAS 123-31-9 <1%

POTASSIUM HYDROXIDE CAS 1310-58-3 <1%

- METALLIZED PP + PET: can be recycled

- PVC: can be recycled

12. TOXICOLOGICAL INFORMATION

See point 11

13. WASTE DISPOSAL REGULAMENTATIONS

To be considered as a "DANGEROUS WASTE".

For E.U. Countries: according to the Ministry Decrete n. 22 of 05.02.1997, annex D, EEC code n° 090101.

For outside E.U. Countries: Consult Local Authority such as the Land Waste Management Authority or arrange collection through an approved Waste Disposal Contractor.

14. TRANSPORT REGULAMENTATION

There are NO limitations

15. INFORMATION ON REGULAMENTATIONS

No specified regulamentations

16. OTHER INFORMATION

Bibliography:

- Irving SAX "Dangerous Properties of Industrial Materials"
- EPA TSCA Inventory, 1980
- NIOSH National Institute for Occupational Safety and Health, U.S. Dept. of Health, Education and Welfare, Reports
- EEC Directive 91/155

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