



MATERIAL SAFETY DATA SHEET

Product : **QS FLOW™**

Issue: December 4, 2011

Version: 1

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1. IDENTIFICATION OF THE PRODUCT & THE COMPANY

NAME of PRODUCT: **QS FLOW™**

MANUFACTURER / SUPPLIER:

Name: R.T.D: Recherches Techniques Dentaires
Address: Technoparc Espace Gavanriere. 3 Rue Louis Neel
38120 Saint-Egreve. France
Telephone: + 33 476 565 666
Fax: + 33 476 561 177

2. COMPOSITION / INFORMATION ON COMPONENTS

Chemical name or usual name	CAS number
Bisgma	1565-94-2
Silica	1343-98-2
Glass filler	65997-17-3
Ytterbium fluoride	13760-80-0

3. IDENTIFICATION OF DANGER

HEALTH EFFECTS:

May cause allergic skin contact

The risks of the hazards communicated in this document may vary depending on the potential for exposure.

4. FIRST AID

The following first aid recommendations are based on assumption that appropriate dental practices are followed.

SKIN CONTACT : Wash immediately with soap and water.
Seek medical advice if signs/symptoms develop.

EYE CONTACT : Flush immediately with running water while keeping eye lids open until irritation stops and seek medical advice

INHALATION : Remove person to fresh air. Seek medical advice if signs/symptoms develop.

INGESTION : Drink two glasses of water.
Seek medical advice if substantial amount has been ingested.



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5. FIRE MEASURES

EXTINGUISH MEDIA:

Recommended : Ordinary combustible material: foam , carbon dioxide or dry chemical

Not appropriated : Unknown

SPECIFIC HAZARDS : No unusual fire or explosion hazards are known.

PROTECTION OF THE INTERVENING PERSONNAL :

Usual fire equipment

6. MEASURES IN CASE OF ACCIDENTAL DISPERSION

INDIVIDUAL MEASURES :

Prevent skin/eye contact. Provide ventilation. Clean up with alcohol and water and soap

MEASURES FOR THE PROTECTION OF THE ENVIRONMENT :

Avoid ground water spillage. Clean up immediately.

CLEANING METHODS :

Recuperation : Clean up with paper towels
Wash contaminated area with alcohol and soap & water

Elimination : Dump or burn under controlled conditions
Contact local regulation authority for advice

OTHER :

7. STORAGE & HANDLING

HANDLING

Prevention of the workers exposure :
Use dental practice

STORAGE :

Storage conditions:
- Recommended: store at dry and dark place, at room temperature

- Avoided: Overheating , do not expose opened syringe to direct sunlight or high light intensity
Recap tightly after use.

Inappropriate materials: Strong oxidizers, free radical initiators, peroxide, metal powders



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8. CONTROLS OF THE EXPOSURE / INDIVIDUAL PROTECTION

INDIVIDUAL PROTECTIVE EQUIPMENT :

Skin protective measures: wear gloves

Eye protective measures: wear safety glasses with side shields

OTHER: Use normal hygienic measures and reasonable cares. Wash hands before eating.

9. PHYSICAL & CHEMICAL PROPERTIES

ASPECT :

- Physical state: flowable paste
- Color: ivory
- Odour: slightly acrylate odours
- pH: Not Applicable

FIRE & EXPLOSION HAZARDS :

- Flash point: Not Applicable
- Solubility : in water: insoluble
in organic solvents: not determined

VISCOSITY: not determined

OTHER:

10. STABILITY & REACTIVITY

STABILITY: stable in normal conditions of storage.

HAZARDOUS DECOMPOSITION PRODUCTS

Avoid high temperatures, direct sun light or high light intensity.
No hazardous decomposition products in normal conditions of use, except carbon monoxide or dioxide during combustion.



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11. TOXICOLOGICAL INFORMATIONS

SKIN IRRITATION : May occur skin irritation

EYES IRRITATION : May irritate the eyes

OTHER : Possible allergic reaction to methacrylate by chronic exposure to the product

12. ECOLOGICAL INFORMATIONS

POSSIBLE IMPACT TO THE ENVIRONMENT / ECOTOXICITY:

Not determined

OTHER:

13. ELIMINATION INFORMATIONS

DESTROYING MEASURES : Use proper landfill disposal or incineration in accordance with local, state and federal regulations

DESTROYING PROCEDURE OF CONTAMINATED PACKAGING :

Burn in a suitable incinerator for packaging or contact local regulations or authorities for advice

REMARK : Since regulations vary, contact local regulations or authorities for advice

14. TRANSPORT INFORMATIONS

OTHER DATA : The product does not fall under the transportation classification for dangerous product

15. INFORMATIONS ACCORDING TO REGULATIONS

EEC REGULATIONS:

EEC labelling :

REMARK: Medical device class IIa-CE mark

16. OTHER INFORMATIONS

This sheet completes the technical sheet of use but it doesn't replace it.

The informations contained in this sheet are based on our best knowledge of the product at the date 04.12.2011. They represent our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.