DOX Abrasive / Polishing agent

1. Identification of the Substance / Preparation and Company:

Identification of the substance or preparation:

Commercial product name:	DOX Abrasive / Polishing agent
Company / Manufacturer:	SILADENT Dr. Böhme & Schöps GmbH Im Klei 26 DE - 38644 Goslar Tel.: +49 (0) 53 21 / 37 79 – 0 Fax: +49 (0) 53 21 / 38 96 32 info@sbs-dental.de - www.sbs-dental.de

2. Composition / Information on Ingredients:

Chemical nature:	Natural complexe silicate, mainly consisting of natural dolomite. CaMg (CO_3) 2 (CAS 16389-88-1)

3. Hazards Identification:

Inhalation:	Critical hazards to man and the enviroment: none

4. First aid measures:

4.1	Inhalation:	No danger to health known under normal industrial use. In case of inhalation of dust keep patient calm, remove to fresh air summon medical help.
4.2	Eyes:	On contact with dust wash effected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
4.3	Ingestition:	harmless

5. Fire Fighting measures:

No hazard of fire

6. Accidental release measures:

6.1	Personal Precautions	none
6.2	Environmental precautions:	none
6.3	Methods for cleaning up:	sweep / shovel up

7. Handling and Storage:

7.1	Handling:	Store in dry place, protect against moisture, prevent formation of dust.
7.2	Storage:	Keep in dry place, keep containers sealed, protect against moisture (absorption capacity will be lowered).

8. Exposure controls / Personal protection:

Technical plant:	Additional information on the lay-out of technical plant (see 7)
Personal protective equipment	dust mask
Respiratory protection:	dust mask
Hand protection:	Protective gloves, if skin fiction occurs under direct contact with the product.
Eye protection:	Use goggles if a strong formation of dust cannot be avoided.

9. Physical and chemical properites:

Form:	solid substance in various forms / powder
Colour:	light grey
Odour:	Odourless
change in state:	not applicable
Melting Point:	1.300 °C
Thermal decomposition:	---
Combustibility:	non inflammable

Explosions hazards:	none
Fire promoting properties:	none
Density:	1.300 °C
Bulk density:	920 - 1300kg/m^3
ph-value:	9,0 - 9,5
Solubility in water:	solubility in water

10. Stability and Reactivity:

Hazardous Reaction: none

11. Toxicological Information:

The product is harmless and does not produce allergic or narcotic reactions.

Inhalation: Due to is amorphous structure DOX Abrasive / Polishing agent does not effect silicosis, protection against dust is necessary however.

12. Ecological Infomation:

As natural and inaktiv products the DOX Abrasive / Polishing agent pose no risk to the environment. They are possessing neither a BSB nor a CBS value.

Water hazard class (Germany): 1

13. Disposal Considerations:

Must be disposed of according to local regulations and considered as an inert raw material / mineral not harmful to the environment.

14. Transport Infomation:

Not classified as hazardous under transport regulations.

15. Regulatory Information:

15.1 Not subject to labelling in accordance with EEC directives with risk symbols or safety phrases.

16. Further Information:

Due to its amorphous structure DOX Abrasive / Polishing agent are not effecting silicosis. Protection against dust is necessary however. Inhalation of dust has to be avoided. Thus we recommend to observe and follow the standards of TLV and A.C.G.I.H. 1977, note EH / 76.
The information contained herein is based on the present state of our knowledge and therefore does not guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations