SAFETY DATA SHEET

1. INDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Verone Perfecting Paste
Product Code: 213, 239

Application: Impression material for use in dentistry

Company: Davis Schottlander & Davis Ltd
Fifth Avenue, Letchworth Garden City,
Herts SG6 2WD UK
Tel: +44 (0)1462 480848 Fax: +44 (0)1462 482802
msds@schottlander.co.uk www.schottlander.com

Date: 04.05.2016 V3.0

2. HAZARD IDENTIFICATION

Classification according to Regulation (EC) No. 1272/2008 [CLP]:
This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.
Label elements: None
Other hazards: No information available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures:
Chemical characterisation:
Contains polydimethylsiloxane + fillers.

4. FIRST AID MEASURES

Description of first aid measures:
After inhalation:
Provide fresh air.
After contact with skin:
Wash with plenty of water. Take off contaminated clothing and wash it before reuse.
After contact with eyes:
Rinse immediately carefully and thoroughly with eye-bath or water.
After ingestion:
Rinse mouth thoroughly with water. Let water be drunk in little sips (dilution effect). Do not induce vomiting. If you feel unwell, seek medical advice.
Most important symptoms and effects, both acute and delayed:
No information available.
Indication of any immediate medical attention and special treatment needed:
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media:
Co-ordinate fire-fighting measures to the fire surroundings.
Special hazards arising from the substance or mixture:
Non-flammable. Vapours can form explosive mixtures with air.

Advice for firefighters:
In case of fire: Wear self-contained breathing apparatus.
Additional information:
Use water spray jet to protect personnel and to cool endangered containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Use personal protection equipment.
Environmental precautions:
No special environmental measures are necessary. Clean contaminated objects and areas thoroughly observing environmental regulations.
Methods and material for containment and cleaning up:
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.
Reference to other sections:
Safe handling: See Section 7
Personal protection equipment: See Section 8
Disposal: See Section 13

7. HANDLING AND STORAGE

Precautions for safe handling:
Advice on safe handling:
No special measures are necessary.
Advice on protection against fire and explosion:
No special fire protection measures are necessary.
Conditions for safe storage, including any incompatibilities:
Requirements for storage rooms and vessels:
Keep container tightly closed.
Advice on storage compatibility:
No special measures are necessary.
Further information on storage conditions:
Keep only in the original container in a cool, dry and well-ventilated place, away from foodstuffs.
Specific end use(s):
Component B of a silicone based dental impression material. For use by trained specialist staff.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:
Exposure controls:
Appropriate engineering controls:
If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.
Protective and hygiene measures:
Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.
Eye/face protection:
Wear eye/face protection.

Hand protection:
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Suitable gloves are of the following material: NBR (Nitrile rubber).
Skin protection:
Wear suitable protective clothing.
Respiratory protection:
In case of inadequate ventilation wear respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Physical state:	Paste	
Colour:	Pink transparent	
Odour:	Odourless	
pH-value:	Not determined	
Changes in the physical state:		**Test method**
Melting point:	Not determined	
Initial boiling point & boiling range:	Not determined	
Flash point:	>100°C	DIN 51755
Flammability:		
Solid:	Not applicable	
Gas:	Not applicable	
Lower explosion limits:	Not determined	
Upper explosion limits:	Not determined	
Ignition temperature:	>200°C	DIN 51794
Auto-ignition temperature:		
Solid:	Not applicable	
Gas:	Not applicable	
Decomposition temp:	>250°C	
Oxidizing properties:	Not oxidising	
Vapour pressure: (at 20 °C)	<1 hPa	
Density (at 20 °C):	1,12 g/cm³ DIN 51757	
Water solubility:	Practically insoluble	
Solubility in other Solvents:	Not determined	
Partition coefficient:	Not determined	
Viscosity / dynamic: (at 23 °C)	12000 mPa·s BROOKFIELD	
Vapour density:	Not determined	
Evaporation rate:	Not determined	
Other information:		
Solid content:	Not determined	

10. STABILITY AND REACTIVITY

Reactivity:
No hazardous reaction when handled and stored according to provisions.
Chemical stability:
The product is stable under storage at normal ambient temperatures.
Possibility of hazardous reactions:
No known hazardous reactions.
Conditions to avoid:
Temperatures > 150°C/ 302 °F.
Incompatible materials:
No information available.
Hazardous decomposition products:
At a temperature of approx. 150°C/ 302°F a small amount of formaldehyde can be released by oxidative degradation

11. TOXICOLOGY INFORMATION

Information on toxicological effects:
Acute toxicity:
Based on available data, the classification criteria are not met. For the product itself no toxicological data are available. In products with a comparable composition, a LD50 (orally, species rat) of > 5000 mg/kg has been found.
Irritation and corrosivity:
Based on available data, the classification criteria are not met.
Sensitising effects:
Based on available data, the classification criteria are not met.
STOT-single exposure:
Based on available data, the classification criteria are not met.
Severe effects after repeated or prolonged exposure:
Based on available data, the classification criteria are not met.
Carcinogenic/mutagenic/toxic effects for reproduction:
Based on available data, the classification criteria are not met.
Aspiration hazard:
Based on available data, the classification criteria are not met.
Additional information on tests:
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

12. ECOLOGICAL INFORMATION

Toxicity:
The product is not: Ecotoxic.
Persistence and degradability:
The product has not been tested.
Bioaccumulative potential:
The product has not been tested.
Mobility in soil:
The product has not been tested.
Results of PBT and vPvB assessment:
Not identivied as PBT/ vPvB substances.

12.6. Other adverse effects:
No information available.
Further information:
Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:
Advice on disposal:
Dispose of waste according to applicable legislation.
Contaminated packaging:
Wash with plenty of water. Completely emptied packages can be recycled.

14. TRANSPORT INFORMATION

Land transport (ADR/RID)
UN number: No dangerous good in sense of this transport regulation.
UN proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.
Inland waterways transport (ADN)
UN number: No dangerous good in sense of this transport regulation.
UN proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.
Marine transport (IMDG)
UN number: No dangerous good in sense of this transport regulation.
UN proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.
Air transport (ICAO)
UN number: No dangerous good in sense of this transport regulation.
UN proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.
Environmental hazards
ENVIRONMENTALLY HAZARDOUS: No
Special precautions for user: No dangerous good in sense of this transport regulation.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
No dangerous good in sense of this transport regulation.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:
EU regulatory information
Additional information: To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC
National regulatory information:
Water contaminating class (D): Not water contaminating
Chemical safety assessment: Chemical safety assessments for substances in this mixture were not carried out.

16. FURTHER INFORMATION

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

The data given above covers exclusively the safety requirements of the product(s) and is based on our current knowledge and experience. It does not signify any warranty with regards to the products properties. This product is only supplied for specific uses in dentistry and must be used in accordance with the directions for use.