

Safety Data Sheet

Date Issued: 10/16/2014
 Document Number: SDSAH26P
 Date Revised:
 Revision Number: 0

1. PRODUCT IDENTIFICATION

Trade Name (as labeled): AH 26 Powder
Chemical Name/Classification: AH 26 Powder
Product Identifier (Part/Item Number): 6116-200
U.N. Number: 1328
U.N. Dangerous Goods Classification: 4.1
Recommended Use: Preparation of root canal filling material
Restrictions on Use: For use by Dental Professionals only
Distributed by: DENTSPLY Maillefer
Distributors Address: 608 Rolling Hills Dr., Johnson City, TN 37604
Distributor Telephone Number: 1-800- 924-7393 (Product Information)
Emergency Contact Telephone Number: Chemtrec (800) -262-8200
Email address: Chemtrec@chemtrec.com

2. HAZARD(S) IDENTIFICATION

Hazard/Danger Classification:

Health	Environmental	Physical
R43, S2, S24, S37	S60	R11

Associated Hazards:

Hazard Statements	Precautionary Statements
Na	na



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EU Classification: F, Xi

EU Risk (R) and Safety (S) Phrases: R43, S2, S24, S37, S60

Refer to Section 16 for the full text of the EU Classifications and R Phrases.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Components	C.A.S. # EC#	IUPAC Name	Substance Classification	WT %
Methenamine	100-97-0 202-905-8	1,3,5,7- Tetraazatricyclo[3.3.1.1 3,7]decane	XI, F, R11, R43	25-50%
TitaniumDioxide	13463-67-7 236-675-5			2.5-10%
Silver	7440-22-4 231-131-3			2.5%

Refer to Section 16 for the full text of the GHS and H phrases and EU Classifications and R Phrases.

4. FIRST-AID MEASURES





Routes of Exposure	First Aid Instructions
Eye	After eye contact rinse opened eye for several minutes under running water.
Skin	After skin contact immediately wash with water and soap and rinse thoroughly.
Inhalation	After inhalation supply fresh air and to be sure call for a doctor
Ingestion	After swallowing if symptoms persist consult doctor
Most important symptoms of exposure	na
Other	na
Note to Physicians (Treatment, Testing, and Monitoring) Treat Symptomatically	

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	CO2, sand, extinguishing powder
Fire Fighting Procedures:	Wear self-contained respiratory protective e device
Specific Hazards Arising from the Chemical:	Formation of toxic gases is possible during heating or in case of fire. Can form explosive gas-air mixtures.

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Precautions for Fire Fighters:	Do not use water
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Recommended Protective Equipment for Fire Fighters:			
EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, PPE and Emergency Procedures: Avoid formation of dust. Wear protective equipment. Keep unprotected persons away.

Environmental Precautions: Do not allow to enter sewers! surface or ground water

Methods and Materials for Containment and Clean-up: Do not flush with water or aqueous cleansing agents ensure adequate ventilation. Dispose contaminated material as waste according to item 13

Recommended Personal Protective Equipment for Containment and Clean-up:		
EYES/FACE	SKIN	RESPIRATORY
		




7. HANDLING AND STORAGE

Precautions for Safe Handling: Observe normal care for working with chemicals. Prevent formation of dust.
- Information about fire - and explosion protection: Protect against electrostatic charges.

Conditions for Safe Storage: Store only in the original receptacle. Store in cool, dry conditions in well-sealed receptacles.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Occupational Exposure Limits: None Specified		
Biological Exposure Limits: None Specified		
Appropriate Engineering Controls: None Specified		
Individual Protection Measures (PPE) Specific Eye/face Protection: Safely glasses Specific Skin Protection: Impermeable and resistant gloves Specific Respiratory Protection: Not necessary if room is well-ventilated. Specific Thermal Hazards: na		
Recommended Personal Protective Equipment		
EYES/FACE	SKIN	RESPIRATORY
		
Environmental Exposure Controls: None Specified		
General Hygiene Considerations and Work Practices: Immediately remove all soiled and contaminated clothing. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.		
Protective Measures During Repair and Maintenance of Contaminated Equipment: None Specified		

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow Powder	Explosive limits:	Non Explosive
Odor:	Characteristic	Vapor pressure:	Undetermined
Odor threshold:	Undetermined	Vapor density:	Undetermined
pH:	Undetermined	Relative density:	Undetermined
Melting/freezing point:	Undetermined	Solubility:	Slightly soluble in Water
Initial boiling point and range:	Undetermined	Partition coefficient: n-octanol/water:	Undetermined
Flash point:	250°C	Auto-ignition temperature:	Undetermined

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Evaporation rate:	Undetermined	Decomposition temperature:	Undetermined
Flammability:	Undetermined	Viscosity:	Undetermined
Explosive Properties:	Undetermined	Oxidizing Properties:	Undetermined

10. STABILITY AND REACTIVITY

Reactivity: na
Chemical Stability: na
Possibility of Hazardous Reactions: No dangerous reactions known
Conditions to Avoid: na
Incompatible materials: na
Hazardous Decomposition Products: Formaldehyde, Ammonia, Nitrogen oxides

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure: None Known							
Emergency Overview: NA							
Likely Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)	LD50 Testing Data (as applicable)	LC50 Testing Data (as applicable)
Eye:	Irritating effect	NA	NA	NA	NA	NA	NA
Skin:	Irritant to skin and mucous membranes.	NA	NA	NA	NA	NA	NA
Inhalation:	NA	NA	NA	NA	NA	NA	NA
Ingestion:	NA	NA	NA	NA	NA	NA	NA
Other:	Sensitization possible through skin contact	NA	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure: None Known							
Carcinogenicity: Not Known to be Carcinogenic							

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12. ECOLOGICAL INFORMATION

Toxicity: NA

Persistence and Degradability: NA

Bio-accumulative Potential: NA

Mobility in Soil: NA

Other Adverse Effects: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT/vPvB Assessment: NA

13. DISPOSAL CONSIDERATIONS

Regulations:

Properties (Physical/Chemical) Affecting Disposal:

Waste Treatment Recommendations: Must not be disposed together with household garbage. Do not allow product to reach sewage system. Uncleansed pack aging: Dispose of material in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

UN Identification Number: 1328

UN Proper Shipping Name: 1328 Hexamethylenetetramine

Transport hazard class(es): 4

Packing Group: III

Special precautions for user: Flammable solids, self-reactive substances and solid desensitized explosives



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15. REGULATORY INFORMATION

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): NA

Toxic Substances Control Act (TSCA): NA

Clean Water Act (CWA): 1

Clean Air Act (CAA): NA

Superfund Amendments and Reauthorization Act (SARA) Title III Information: NA

SARA Section 311/312 (40 CFR 370) Hazard Categories: Yes - Acute

Immediate Hazard:	Yes	Pressure Hazard:	NA
Delayed Hazard:	Yes	Reactivity Hazard:	NA
Fire Hazard:	Yes		

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):

Components	C.A.S. #	WT %
NA	NA	NA

State Regulations

California: This product contains the following chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm:

Components	C.A.S. #	WT %
NA	NA	NA

International Regulations

Canadian Environmental Protection Act: NA

Canadian Workplace Hazardous Materials Information System (WHMIS): B4, D2A, D2B

European Inventory of Existing Chemicals (EINECS): 202-905-8, 236-675-5, 231-131-3

16. OTHER INFORMATION

Full text of Classification abbreviations used in Section 2 and 3:

- R11 Highly flammable.
- R43 May cause sensitization by skin contact.
- S2 Keep out of the reach of children.
- S24 Avoid contact with skin.
- S37 Wear suitable gloves.

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S60 This material and its container must be disposed of as hazardous waste.

Date of SDS Preparation/Revision: 10/16/14

Data Sources: Supplier