



ALL PURPOSE MACHE



MATERIAL SAFETY DATA SHEET



AVES®, INC. • P.O. BOX 344 • RIVER FALLS, WI 54022 • PHONE 800-261-2837 [AVES]



D.4236 Compliance

Section 1 — PRODUCT IDENTIFICATION

Common name: PAPER MACHE
Chemical name: Proprietary SilaSulfate Formulation
DOT Shipping: N/A DOT ID NR: N/A
NFPA Rating: Health = 0, Fire = 0, Reactivity = 0

Manufacturer: AVES®, INC.
Address: P.O. Box 344, River Falls, Wisconsin 54022
Telephone: 715-386-9097

(FULLY CURED PRODUCT, NON-TOXIC & NON-HAZARDOUS)

Section 2 — HAZARDOUS INGREDIENTS

Free Silicates: CAS NR: 14807-96-6 25% ± 10% ACGIH mppcf OSHA PEL 20 mppcf TWA = 20-30 mg/m³
Perlite: CAS 93763-70-3 <10% ACGIH 10/mg/m³

Section 3 — PHYSICAL & CHEMICAL PROPERTIES

Physical State: Flour-like powder as delivered, (SOLID when mixed and cured). **Color:** white; virtually odorless
Instant Paper Mache
pH: 7.0 -Neutral (pH is fixed and balanced in cured formulation.)
Specific Gravity: 2.28
Solubility: Soluble. (Mixes with water)
Melting Point: > 300° C
Setting Time: About 30 minutes

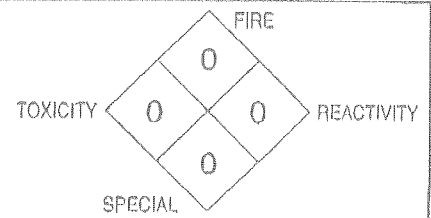
Section 4 — FIRE & EXPLOSION

WILL NOT SUPPORT COMBUSTION!

Aves® Paper Mache is Non-Flammable, Non-Toxic, and Non-Hazardous

NFPA HAZARD RATING

- 4 — EXTREME
- 3 — HIGH
- 2 — MODERATE
- 1 — SLIGHT
- 0 — INSIGNIFICANT



Section 5 — REACTIVITY

HAZARDOUS POLYMERIZATION WILL NOT OCCUR!

CONDITIONS TO AVOID:

- a - Formula is Freeze-Thaw Stable!
- b - Avoid exposure to moisture prior to mixing and curing.
- c - Always store in tightly sealed container following usage.
- d - Do not mix in high humidity work areas.
- e - Avoid temperatures in excess of 300° C.

CURING → Yields a hard and durable finished product that will accept Tooling as well as ALL paints and finishes.

Section 6 — HEALTH HAZARDS

TCLP procedures have been performed on this product, based upon Federal Register, Volume 55, NR:1206, June 1990, 40 CFR, Method 1311. The metal analysis were performed based upon EPA Test Methods for Evaluating Solid Waste, SW846, November 1986, 3rd. Mercury Method 7470, all other metals with Method 6010. TEST RESULTS ESTABLISH THAT AVES® PAPER MACHE (Fully Cured) IS SAFE, NON-TOXIC AND NON-HAZARDOUS.

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Section 7 — PRECAUTIONS FOR SAFE HANDLING & USAGE

Individuals should always wear protective clothing and dust face mask while mixing or grinding the cured compound. PRODUCT IS FREEZE-THAW STABLE! Store in a closed container when not in use. May be disposed of in a normal sanitary landfill in accordance with local regulations.

Section 8 — PROTECTION & CONTROL MEASURES

As per the AVES® PAPER MACHE instructions, use NIOSH and OSHA approved equipment and work procedures when grinding and finishing the fully cured compound. Ventilation is suggested to keep the work area dust levels below the OSHA/NIOSH/TLV-TWA and PEL levels. PAPER MACHE is considered to be a possible eye irritant. EYE protection is an additional safety precaution.

Section 9 — SUPPLEMENTAL INFORMATION

AVES® PAPER MACHE has been fully tested and is hereby CERTIFIED as a SAFE, NON-TOXIC, and NON-HAZARDOUS FORMULATION. (POWDER to SOLID, pH is STABILIZED and NON-CRITICAL.)

CLEAN UP: Simple water procedures.

Coloring Is Fun And Easy! -just add colorants, food colors, etc. to the water or the wet mix.

Section 10 — MANUFACTURER'S WARRANTY

The data and recommendations presented herein are based upon research and analysis of Certified Test Laboratories and believed to be accurate. The test results are held on file in the offices of AVES®, INC.. However, no warranty is expressed or implied regarding the data or the results to be obtained from the use thereof. AVES®, INC., assumes no responsibility for the injury to any customers or third persons proximately caused by the use of the material if reasonable safety procedures are not adhered to as stipulated in the data sheets. Additionally, since actual product use by others is beyond our control, no guarantee, expressed or implied, is made by AVES®, INC., as to the effect of usage, the results to be obtained or the safety and toxicity of the product, nor does AVES, assume any liability arising as a result of the use, misuse or abuse by others of the facts and data herein presented. The information provided herein is provided by AVES solely for the customer's information and assistance in compliance with The Occupational Safety & Health Act of 1970 and the rules and regulations thereunder and amended thereto. Any other use is prohibited!

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Aves® "self-hardening" clays, maches and sculpting compounds offer state-of-the-art

Performance, Shelf Life, Economy, and are user-friendly!

You have seen the rest, now try the Best!

Guarantee: After using our products you will be satisfied that they are the best clays, maches and sculpting compounds, or your money back.

*"Products for the preservation of nature's Heritage"
Environmentally Safe!*

