



SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Product Information : M231-8412
Product Name : FIL-STIK®
Recommended Use : Surface Preparation or Protection
Supplier's name and address : Armstrong World Industries, Inc.
2500 Columbia Avenue
Lancaster, PA USA 17603
Company Phone Number : (800) 233-3823
Website Address : <http://www.floorexpert.com>
24 Hr Emergency Telephone # : CHEM-TEL: 1-800-255-3924 OR 1-813-248-0585 (call collect)

SECTION 2 – HAZARDS IDENTIFICATION

GHS Classification

Symbol(s) of Product

This material is not classified as hazardous by the Globally Harmonized System (GHS) or by Occupational Safety & Health Administration (OSHA) Hazard Communication criteria

Signal Word

No Signal Word has been assigned

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Wt %	GHS Symbols	GHS Statements
polyethylene wax	8002-74-2	25-50	No Information	No Information
iron oxide	1309-37-1	2.5-10	No Information	No Information
cetyl alcohol	36653-82-4	2.5-10	No Information	No Information
crystalline silica	14808-60-7	0.1-1.0	GHS07	H302

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures



FIRST AID - EYE CONTACT: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

FIRST AID - SKIN CONTACT: IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

FIRST AID - INGESTION: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

FIRST AID - INHALATION: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

5. Fire-fighting Measures

SPECIAL FIREFIGHTING PROCEDURES: This product is not expected to burn under normal conditions of use.

FIREFIGHTING EQUIPMENT: None.

6. Accidental Release Measures

ENVIRONMENTAL MEASURES: No Information

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up or vacuum up spillage and collect in suitable container for disposal.

7. Handling and Storage



HANDLING: Avoid inhalation and contact with eyes, skin, and clothing. Wash hands thoroughly after handling and before eating or drinking. In keeping with safe handling practices, avoid ignition sources (smoking, flames, pilot lights, electrical sparks); ground and bond containers when transferring the material to prevent static electricity sparks that could ignite vapor and use spark proof tools and explosion proof equipment. Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury.

STORAGE: Keep containers closed when not in use. Store in cool well ventilated space away from incompatible materials.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
polyethylene wax	2 mg/m ³	N.D.	N.D.	N.D.
cetyl alcohol	N.D.	N.D.	N.D.	N.D.
iron oxide	5 mg/m ³	N.D.	10 mg/m ³	N.D.
crystalline silica	0.025 mg/m ³	N.D.	N.D.	N.D.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established N.D. = Not Determined

Personal Protection



RESPIRATORY PROTECTION: In case of insufficient ventilation wear suitable respiratory equipment



SKIN PROTECTION: For prolonged or repeated contact use protective gloves.



EYE PROTECTION: Safety glasses



OTHER PROTECTIVE EQUIPMENT: No Information



HYGIENIC PRACTICES: It is good practice to avoid contact with the product and/or its vapors, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking.

9. Physical and Chemical Properties

Appearance:	Solid	Physical State:	Solid
Odor:	None to Very Faint	Odor Threshold:	Not Determined
Density, g/cm ³ :	0.945	pH:	Not Determined
Freeze Point, °F:	Not Determined	Viscosity:	Not Determined
Solubility in Water:	Not Determined	Partition Coefficient, n-octanol/ water:	Not Determined
Decomposition temperature, °F:	Not Determined		
Boiling Range, °F:	Not determined	Explosive Limits, %:	Not Determined
Combustibility:	Supports Combustion	Flash Point, °F:	385 ° F
Evaporation Rate:	Slower than Diethyl Ether	Auto-Ignition Temperature, °F:	Not Determined
Vapor Density:	Not Determined	Vapor Pressure, mmHg:	Not Determined

N.I. = No Information

10. Stability and reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Not applicable.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined.

11. Toxicological information



Practical Experiences

EMERGENCY OVERVIEW: No Information

EFFECT OF OVEREXPOSURE - EYE CONTACT: No Information

EFFECT OF OVEREXPOSURE - INGESTION: No Information

EFFECT OF OVEREXPOSURE - INHALATION: No Information

EFFECT OF OVEREXPOSURE - SKIN CONTACT: No Information

CARCINOGENICITY: No Information

PRIMARY ROUTE(S) OF ENTRY:

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
8002-74-2	polyethylene wax	>3750 mg/kg Rat	>3600 mg/kg Rabbit	N.I.
36653-82-4	cetyl alcohol	5000 mg/kg Rat	>2000 mg/kg Rat	N.I.
1309-37-1	iron oxide	>10000 mg/kg Rat	N.I.	>20 mg/l
14808-60-7	crystalline silica	500 mg/kg Rat	N.I.	N.I.

N.I. = No Information

12. Ecological information

ECOLOGICAL INFORMATION: Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

13. Disposal Information



Product

DISPOSAL METHOD: Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up or vacuum up spillage and collect in suitable container for disposal.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT: NOT RESTRICTED

IATA: NOT RESTRICTED

IMDG: NOT RESTRICTED

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

SARA SECTION 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical NameCAS-No.

nickel	7440-02-0
zinc	7440-66-6
trivalent chromium	7440-47-3
barium	7440-39-3
lead	7439-92-1
copper	7440-50-8
arsenic	7440-38-2
cobalt	7440-48-4
selenium	7782-49-2
antimony	7440-36-0
beryllium	7440-41-7
mercury	7439-97-6
cadmium	7440-43-9

TOXIC SUBSTANCES CONTROL ACT

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
mercury	7439-97-6

U.S. State Regulations:**CALIFORNIA PROPOSITION 65 CARCINOGENS**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
crystalline silica	14808-60-7
nickel	7440-02-0
carbon black	1333-86-4
lead	7439-92-1
cobalt	7440-48-4
beryllium	7440-41-7
cadmium	7440-43-9

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<u>Chemical Name</u>	<u>CAS-No.</u>
lead	7439-92-1
mercury	7439-97-6
cadmium	7440-43-9

16. Other Information

Revision Date: 1/22/2015 Supersedes Date: New SDS

Reason for revision: No Information

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	2	Flammability:	0	Reactivity:	0	Personal Protection:	X
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Volatile Organic Compounds, gr/ltr: 0

Text for GHS Hazard Statements shown in Section 3 describing each ingredient

H302 Harmful if swallowed.

Icons for GHS Pictograms shown in Section 3 describing each ingredient

GHS07



The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.