



M232-9015 OFS/VS Walnut Fil Stick

MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group
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FOR ALL INTERNATIONAL TRANSPORTATION ACCIDENTS. 1-703-527-3887 (collect)

Health: 1 Flammability: 1 Reactivity 0

PRODUCT NAME: M232-9015 OFS/VS Walnut Fil Stick

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 22/05/02
SUPERCEDES: None
MSDS NO. M232-9015

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
MIXED METAL OXIDE	1-10	68186-97-0	No PEL established
Ferric oxide	1-10	1309-37-1	10 mg/m3 TWA
Quartz	<1	14808-60-7	see Table Z-3
Carbon Black	<1	1333-86-4	3.5 mg/m3 TWA

III. HAZARDS IDENTIFICATION

Routes of Entry: Ingestion.Skin contact.Eye contact.
Medical Conditions Aggravated: Respiratory disease including asthma and bronchitis. Eye disease.

Immediate (Acute) Health Effects

Skin Contact: May cause skin irritation.

Eye Contact: Can cause minor irritation, tearing and reddening.

Ingestion: Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

Target Organ Acute Toxicity:

Iron oxide dust and fume	respiratory system
Silica, crystalline	respiratory system, eyes (in animals: lung cancer)
Carbon black	respiratory system, eyes, lymphatic cancer

Long-Term (Chronic) Health Effects:

Carcinogenicity	Contains a substance that is a probable cancer hazard as a respirable state based on human studies.
Reproductive and Developmental Toxicity:	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Target Organ Chronic Toxicity	Respiratory Tract. Eyes.
Supplemental Health Hazard Information:	No additional health information available.

IV. FIRST AID

Eyes:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	No hazard expected under normal industrial use. If a large quantity is swallowed, seek medical attention. Do not induce vomiting.
Notes to MD:	No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Fire Hazards:	None Known.
Hazardous Combustion Products:	Carbon monoxide

VI. ACCIDENTAL RELEASE MEASURES

Spill Mitigation Procedures General Methods:	None Known.
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VII. HANDLING AND STORAGE

Handling:	Wash thoroughly after handling.
Storage:	Store in a cool dry place. Isolate from incompatible materials.

VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls:	Check ventilation codes.
Protective Equipment	
Respiratory Tract:	No respiratory protection required under normal conditions of use.
Eyes:	No special requirements under normal industrial use.

Skin: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

IX. PHYSICAL DATA

Physical State: Colored Solid
Odor: None to very faint
Solids Vol % 100
Solids Wt % 100
Material VOC lbs/gal: 0
Material VOC gms/l: 0
Weight per gallon: 9.3972

X. STABILITY AND REACTIVITY

Stability Information: Stable under normal conditions.
Conditions to Avoid: Contamination.High temperatures.
Hazardous Polymerization: Hazardous Polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Carbon black	1333-86-4	Oral LD50 Rat : >15400 mg/kg; Dermal LD50 Rabbit : >3 gm/kg

XII. ECOLOGICAL INFORMATION

Ecological Values: None Known

XIII. DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in a landfill. Disposal is not likely to be regulated.

Components Subject to USEPA Land Disposal Restrictions:

No chemicals subject to land disposal restrictions. %

XIV. TRANSPORTATION INFORMATION

DOT Non-regulated

XV. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA): A component (or components) of this product is not listed on the TSCA Inventory of Existing Chemical Substances.

Chemical Name	Regulation	CASRN	%
No 313-listed chemicals in this product	SARA 313 Reportable:		
Carbon Black	California Proposition 65 Cancer List:	1333-86-4	0.15
Wax	New Jersey Right To Know:		83.99
Mixed Metal Oxide	New Jersey Right To Know:	68186-97-0	9.63
Ferric oxide	New Jersey Right To Know:	1309-37-1	2.88
Red Pigment	New Jersey Right To Know:	2786-76-7	2.64
Manganese Trioxide	New Jersey Right To Know:	1317-34-6	0.56

XVI. ADDITIONAL INFORMATION

Other Information:

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