MK37-5000
Date Prepared: 06/10/2018

Material Safety Data Sheet

Section 1. Identification

Manufacturer:
Robert McKee Enterprises, Inc
7782 Sw Jack James Dr.
Stuart, FL 34997
844-852-5300

Product Identification: **McKee's 37 Polishing Pad Cleaner**
Suggested Use: Use to clean and maintain foam polishing pads

Section 2. Hazard(s) Identification

Hazard Class & Category Codes	Hazard Statement Codes
Acute Tox. 4	H302: Harmful if swallowed.
Acute Tox. 4	H312: Harmful in contact with skin.
Skin Irrit. 2	H315: Causes skin irritation.
Eye Irrit. 2	H319: Causes serious eye irritation.
Acute Tox. 4	H332: Harmful if inhaled.
STOT SE 3	H335: May cause respiratory irritation.

Pictograms & Signal Word

Warning

Precautionary Statements Codes	Precautionary Statements
P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+352	IF ON SKIN: Wash with soap and water
P301+310	IF SWALLOWED: Call a POISON CENTER and get medical advice/attention.
P304+341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at a rest in a position comfortable for breathing
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332+313	If skin irritation occurs: Get medical advice/attention
P342+311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
P337+313	If eye irritation persists get medical advice/attention

P404	Keep in closed container
P501	Dispose of contents/container at approved waste facility

Section 3. Composition/Information on Ingredients

Component Name	CAS Number	EC Number	Percentage
Water	7732-18-5	231-791-2	Balance
Sodium Metasilicate Penta Hydrate	6834-92-0	229-912-9	3-5%
Ethylene Glycol Monobutyl Ether	111-76-2	202-905-0	2-4%
Tetrapotassium Pyrophosphate	7320-34-5	230-785-7	2-3%
Nonionic Surfactant	N/A	N/A	1-2%

Section 4. First Aid Measures

Eyes: Flood with large amounts water at least 20 min.; get immediate medical attention if irritation persists. Can cause irritation, redness, tearing, and blurred vision.
Skin: Flush exposed area with water. Remove all contaminated clothing. Prolonged or repeated contact can cause moderate irritation.
Inhalation: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, calm, and get medical attention.
Oral: If swallowed, induce vomiting. Vomiting can be induced with syrup of Ipecac. Give fluids until the vomitus is clear. Get medical attention.

Section 5. Fire Fighting Measures

Flash Point: 250°F
Autoignition Temperature: Not determined
Flammability Limits in Air: Not determined
Extinguishing Media: Carbon dioxide (CO2) water spray. Dry chemical foam can be used to cool fire-exposed containers.
Fire Fighting Procedure: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Evacuate area in case of overheating or fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Static electricity will accumulate and may ignite vapors.
Hazardous Decomposition Products: Carbon oxides and various hydrocarbons.

Section 6. Accidental Release Measures

Containment/Clean Up: Sections 13 and 15 of this MSDS provide information regarding certain Federal and local requirements. Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate as some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents. Observe all personal protection equipment recommendations described in Sections 5 and 8 of this MSDS. Observe all Federal and government regulations that may apply to the cleanup of this material.

Section 7: Handling and Storage

Handling (Personnel): Avoid contact with oxidizing agents. Spilled substance increases risk of slippage.
Storage: Keep container tightly closed.

Section 8: Exposure Controls and Personal Protection

Engineering Controls:

Local Exhaust: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

General exhaust: Recommended

Personal Protective Equipment for Routine Handling:

Eyes: Use proper protection – safety glasses as a minimum.

Skin: Washing at meal time and end of shift is adequate.

Suitable Gloves: butyl rubber protection gloves

Inhalation: If spraying or other operations that generate an aerosol mist are conducted, respiratory protection for exposed personnel is recommended.

Precautionary Measures: Avoid eye contact.

Section 9: Physical and Chemical Properties:

Physical Form:	Liquid	Viscosity:	Not determined
Color:	Red	Melting Point:	Not determined
Odor:	Slight	Boiling Point:	Not determined
Specific Gravity @ 25° C:	1.01	Flash Point:	250° F
Solubility in Water:	Soluble	Vapor Pressure @ 25° C	Not determined
VOC content (% by weight)	0.001-0.005%	pH:	12.5 - 13

Section 10: Stability and Reactivity

Chemical Stability: Stable
Hazardous Polymerization: Will not polymerize
Conditions to Avoid: None known
Materials to Avoid: Strong oxidizing agents and strong acids.

Section 11: Toxicological Information

Information listed for ingredients:
Sodium Metasilicate:

Acute toxicity:

LD50 Oral-rat-male and female-1,152 -1,349 mg/kg

Remarks: Gastrointestinal: Ulceration or bleeding from stomach.

Inhalation:

No data available

Dermal:

No data available

Skin corrosion/irritation

Skin-rabbit

Result: Corrosive-4 h

(OECD Test Guideline 404)

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

In vivo assay-mouse

Result: Does not cause skin sensitization.

(OECD Test Guideline 429)

Germ cell mutagenicity

Ames test

S. typhimurium

Result: negative

Mouse-male

Result: negative

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available

Specific target organ toxicity -single exposure

Inhalation-May cause respiratory irritation.-Respiratory system

Specific target organ toxicity -repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

Repeated dose toxicity-rat-male and female-No observed adverse effect level- 227 - 237 mg/kg

RTECS: VV9275000

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

Tetrapotassium Pyrophosphate:

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Swallowing may result in irritation of the gastrointestinal tract.
Eye contact:	An eye irritant.
Skin contact:	Contact with skin may result in irritation.
Inhalation:	Breathing in dust may result in respiratory irritation.
Acute toxicity:	Dermal LD50 (rabbit) : >4640 mg/kg.
Chronic effects:	No information available for the product

Section 12: Ecological Information

Sodium Metasilicate:

Toxicity

Toxicity to fish

Semi-static test LC50-Danio rerio (zebra fish)-210 mg/l-96 h

(ISO 7346/1)

Toxicity to bacteria

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available

Tetrapotassium Pyrophospahte:

Avoid contaminating waterways

Section 13: Disposal Considerations

Landfill and/or incinerate where permitted in compliance with all applicable Federal, State and local government regulations.

Section 14: Transportation Information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Section 15: Regulatory Information

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200. This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

TSCA Status:	All chemical substances in this material are included on or exempted from listing on the TSCA inventory of chemical substances.		
EPA SARA Title III Chemical Listings	Section 302 Extremely Hazardous Substances	None	
	Section 304 CERCLA Hazardous Substances	None	
	Section 312 Hazard Class	Acute	No
		Chronic	No
		Fire	No
		Pressure	No
		Reactive	No
	Section 313 Toxic Chemicals	None	
Supplemental State Compliance Information	None		

Section 16: Other Information

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. Any material supplied is the sole responsibility of the user. All materials may present unknown health hazards and we cannot guarantee that the hazards listed herein are the only hazards that exist.