



MATERIAL SAFETY DATA SHEET

(MSDS)

MICRO WAX S160

Section 1 : Product and Manufacturer Identification

Product Name : MICRO WAX S160

Manufacturer : SIAM QUALITY INDUSTRIES CO., LTD.
49 Moo 1, Bangbuathong - Ladbualuang Rd, Sainoi, Nonthaburi 11150, Thailand.
Tel : 662-1905561-3 Fax : 662-921-9753

Marketing Office : SQI GROUP Co., Ltd.
59/55 Moo 2 Chaengwattana Rd.,Pakkred, Nonthaburi 11120, Thailand
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Website : www.sqigroup.com , E-mail : chdomestic@sqigroup.com

Section 2 : Material Identification

MICRO WAX S160 is made by the blending of paraffinic hydrocarbons to obtain the most desirable characteristic for specific application. They are used as protective dressing and substitute for fat in ointment , lubricating greases , metal polishes , leather greases , rust preventive , hotmelt adhesive , cosmetics , ointment and other industries.

Section 3 : Composition / Information on Ingredients

Ingredients	CAS Number	Percent
Micro wax	64742-61-6	WT.Wax

Section 4 : First Aid Procedures

First Aid

- Eyes Immediately flush eyes with plenty of water for at 15 minutes. Hold eyelids apart while flushing to rinse entire surface of eyes and lids with water. Get medical attention if eyes irritation persist.
- Skin Wash skin with plenty of soap and water until all traces of material are removed. Remove and clean contaminated clothing and shoes.
- Ingestion If irritation, headache, nausea, of drowsiness occur remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.
- Inhalation If more than several mouthfuls of material are swallowed, give two glasses of water. Get medical attention.



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Section 5 : Fire and Explosion Information

Flash Point, °C	:	Min 200	ASTM D 92-90
Autoignition Temperature	:	Not determined	
LEL	:	None Report	
UEL	:	None Report	
Extinguish Agent	:	Use water spray, Dry chemical powder, Foam or carbon dioxide to extinguish flames.	
Unusual Fire and Explosion Hazards	:	None	
Special Fire Fighting Procedures	:	This material is combustible. Since fire may produce toxic fumes, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in the positive pressure mode and full protective clothing. Bewere of hot MICRO WAX S160	

Section 6 : Accidental Release Measures

Spills or Leaks	:	Handle as a thermoplastic. With molten spills, allow the material to solidify and cool. Keep material cut of sewers and watercourse by diking or impounding. Recover and place into appropriate containers for recycling or disposal , according to prevailing laocal , state and federal laws.
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Section 7 : Handling and Stroage

Storage condition	:	Avoid prolonged storage in open sunlight, height temperature and /or height humidity as this could well speed up alteration and consequently loss of quality of the material and this could lead to unforeseen dangers.
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Section 8 : Protective Information

Ventilation	:	If current ventilation practices are not adequate to minimize exposure , additional ventilation or exhaust system may be requier. Where exposive mixtures may be present, electrical system safe for such locations must be used.
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- Respiratory Protection : No respiratory is requier when working with the solid material. Protection from fumes emitted from molten material may be necessary. If airborne concentration exceed recommended exposure limits , a suitable filter-type respirator should be worn.
- Protective Gloves : The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation. The use of heat resistant gloves is recommended.
- Eyes Protection : Approved eyes protection to safeguard against potential eyes contacts , irritation or injury during hot melt processing operations is recommended.
- Other Protective Equipment : It is suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

Section 9 : Typical Physical Information

Test	Specification	Test Method
Water Solubility	Insoluble	-
Odor	Odorless	-
Drop Melting Point, °C	66 -70	ASTM D - 127
Viscosity @100°C, cSt	8 - 12	ASTM D - 445
Penetration @ 25°C, mm/10	43 - 47	ASTM D - 1321
Color	Max 1.5	ASTM D - 1500
Oil Content	Max 10	ASTM D - 721

Section 10 : Reactivity Information

- Stability : Stable under normal conditions of storage and handling
- Condition to avoid : Avoid contact with any source of heat.
- Material Incompatibility : Avoid contact with strong oxidizing agents.
- Decomposition products : Thermal decomposition in the presence of air may yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and nitrogen.



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Section 11 : Toxicological Information

Acute toxicity	:	None (LD ₅₀ ORAL RAT > 5000 mg/kg.)
Local effects	:	None
Chronic short and long term toxicity	:	None
Sensitisation	:	None
Specific effect	:	None

Section 12 : Ecological Information

Material is not considered harmful to the environment , material from spills and other generated waste must be disposed of properly in conformance with all local , state and federal laws.

Section 13 : Disposal Considerations

Waste Disposal	:	Place contaminated material in disposable container and dispose of in a manner consistent with applicable regulations. Contact local environment or health authorities for approved disposal of this material.
Waste Recovery	:	Solid material - Recover free product by sweeping. Liquid material - Let cool , then recover with appropriate mechanical equipment.

Section 14 : Transport Information

General Precautions	:	Keep the material dry during transport.
Special Precautions	:	No special precautions have to be met as the material is not classified regarding the transport of dangerous goods.

Section 15 : Regulation Information

OSHA hazardous chemical	:	None according.
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Section 16 : Other Information

Recommended application	: N/A
Technical information	: For information on material safety contact : SIAM QUALITY INDUSTRIES CO., LTD. 49 Moo 1, Bangbuathong - Ladbualuang Rd, Sainoi, Nonthaburi 11150, Thailand Tel : 662-1905561-3 Fax : 662-921-9753
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