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MATERIAL SAFETY DATA SHEET

IDENTIFICATION AND EMERGENCY INFORMATION				
Product Name		Shur/Cut Paraffin		
Product Code (Catalog Number)		VML-SC		
Product Category (Chemical Name)		Aliphatic/Alieyclic Alkanes		
Product Appearance and Odor		White waxy solid, practically odorless		
Emergency Notification		Chem-Tel 1-800-255-3924		
COMPONENTS AND HAZARD INFORMATION				
Component	CAS No.	%	OSHA TWA ppm mg/m3	OSHA STEL ppm mg/m3
Paraffin wax	8002-74-2	100	This product contains no hazardous components under 29 CFR 1910.1200	
Hazardous Materials Identification System (HMIS)				
Health	Flammability	Reactivity	Basis	
0	1	0		
PSI Hazard Code				
PHYSICAL DATA				
THE FOLLOWING DATA ARE APPROXIMATE OR TYPICAL VALUES AND SHOULD NOT BE USED FOR PRECISE DESIGN PURPOSES.				
Boiling Range NA	Specific Gravity 0.92	Molecular Weight NE	Viscosity 3 – 10 cSt	
Percent Volatile by Volume solid	Vapor Pressure @20 C degrees NA	Vapor Density (Air = 1) NA	Pour, Congealing or Melting Point 100° – 170°F	
Solubility in Water @1 ATM and 25°C (77°F) insoluble		Evaporation Rate @1 ATM and 25°C (77°F) (n-Butyl Acetate =1) NA		pH NA
FIRE AND EXPLOSION HAZARD INFORMATION				
Flash Point (Minimum) >230°C (440°F)	Autoignition Temperature NE		Test Mode	LEL NE
				UEL NE

NA = not applicable NL = not listed NE = not established NNR = not normally required

National Fire Protection Association (NFPA) — Hazard Identification			
Health	Flammability	Reactivity	Basis
0	1	0	
Handling Precautions Use full-face, positive pressure, self-contained breathing apparatus and full protective clothing.			
Flammable or Explosive Limits (Approximate Percent by Volume in Air) Slight when exposed to heat or flame — dense smoke may be generated while burning.			
Extinguishing Media dry chemical, carbon dioxide or foam			
Fire Fighting Procedures treat as petroleum fire.			
Decomposition Products Under Fire Condition carbon monoxide, carbon dioxide, pyrolysed hydrocarbons.			
“Empty” Container Warning			
Unusual Fire and Explosion Hazards Do not use water.			
HEALTH AND HAZARD INFORMATION			
Variability Among Individuals			
Signs and symptoms of overexposure none expected			
Effects of Overexposure			
Nature of Hazard and Toxicity Information			
Pre-existing Medical Conditions which may be Aggravated by Exposure			
Threshold Limit Value 2 mg/m ³ per 8 hr period (wax fume)			
Health Hazards			
PRIMARY ROUTES OF ENTRY AND EMERGENCY AND FIRST AID PROCEDURES			
Eye Contact Any material in eye, nuisances effect. Any material in eyes should be washed out and medical attention obtained if symptoms persist. Molten materials will produce thermal burns.			
Skin Molten materials will product thermal burns. If burned by contact with molten material, cool as			
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quickly as possible with water and see a physician.

Inhalation

None expected. Nuisance effect in high concentrations..

Ingestion

None expected. Considered an unlikely event. Non-toxic. Contact medical personnel.

SEEK MEDICAL TREATMENT IF DISCOMFORT PERSISTS.

REACTIVITY

Stability

Stable

Incompatibility

Water

Hazardous Decomposition Products

Carbon monoxide

Conditions to Avoid**Hazardous Polymerization**

Will not occur

Materials to Avoid

ENVIRONMENTAL INFORMATION

Steps to be Taken in Case Material is Released or Spilled

Allow solidifying, scraping up and treating as solid combustible material. This product is a non-hazardous waste when spilled or disposed of as defined in RCRA regulations 40 CFR 261.

Disposal

Treat as solid, combustible material. Disposal must comply with federal, state and local regulations and laws.

Protective Gear

Safety glasses, chemical goggles (if splashing possible), heat resistant gloves for handling molten material.

Precautions to be taken in handling and storage

No special precautions other than protection from splashing or contact with molten material. Store in dry conditions, away from boilers and hot pipes.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES.

Reportable Quantity (RQ), EPA Regulation 40 CFR 302 (CERCLA Section 102)

none

Threshold Planning Quantity (TPQ), EPA Regulation 40 CFR 355 (SARA Sections 301-304)

none

Toxic Chemical Release Reporting, EPA Regulation 40 CFR 372 (SARA Section 313)

none

Hazardous Chemical Reporting, EPA Regulation 40 CFR 370 (SARA Sections 311-312)

none

SPECIAL STATE NOTIFICATIONS

none

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PROTECTION AND PRECAUTIONS
Ventilation In high concentration conditions, local exhaust ventilation.
Respiratory Protection If concentration likely to exceed TLV, suitable organic vapor mask.
Protective Gloves Impervious gloves.
Eye Protection Glasses or goggles.
Other Protective Equipment

TRANSPORTATION AND OSHA RELATED LABEL INFORMATION
Transportation Incident Information
U.S. DOT Hazardous Materials Shipping Description
OSHA Required Label Information

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