

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

071598937

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071598929 071599786

U.S. DEPARTMENT OF LABOR  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME: *JOHN O. BUTLER CO.* EMERGENCY TELEPHONE NUMBER: *312-777-4000*

ADDRESS: *4635 W. FOSTER AVE., CHICAGO, IL 60630*

CHEMICAL NAME & SYNONYMS: *WAXES* TRADE NAME & SYNONYMS: *ORTHODONTIC WAX*

CHEMICAL FAMILY: *PETROLEUM DERIVED HYDROCARBON* FORMULA: *MIXTURE*

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIONS AND SOLVENTS: <i>N/A</i>	%	TLV Units	ALLOYS AND METALLIC COATING: <i>N/A</i>	%	TLV Units
PIGMENTS			BASE METAL		
CATALYST			ALLOYDS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS:					

HAZARDOUS MIXTURES OR OTHER LIQUIDS, SOLIDS OR GASES: *N/A*

SECTION III - PHYSICAL DATA

BOILING POINT(°F) <i>650<sup>0</sup> F</i>		SPECIFIC GRAVITY(H <sub>2</sub> O-1) <i>0.8 - 0.9</i>
VAPOR PRESSURE(mmHg) <i>N/A</i>		PERCENT VOLATILE BY VOLUME(%) <i>NEGLECTIBLE</i>
VAPOR DENSITY(AIR-1) <i>N/A</i>		EVAPORATION RATE(____-1) <i>N/A</i>
SOLUBILITY IN WATER <i>NEGLECTIBLE</i>		APPEARANCE AND ODOR: <i>WHITE TO LIGHT GREY WAXY SOLID WITH TYPICAL PETROLEUM WAX ODOR. MAY BE FLAVORED WITH CINNAMON OR MINT.</i>

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): <i>405<sup>0</sup> F</i>	FLAMMABLE LIMITED: <i>N/A</i>	LEL	UEL
EXTINGUISHING MEDIA: <i>WATER</i>			
SPECIAL FIRE FIGHTING PROCEDURES: <i>N/A</i>	UNUSUAL FIRE AND EXPLOSION HAZARDS: <i>N/A</i>		

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: <i>N/A</i>
EFFECTS OF OVEREXPOSURE: <i>N/A</i>
EMERGENCY & FIRST AID PROCEDURES: <i>EYES: IF PRODUCT IS MOLTEN, FLUSH WITH WATER AND CONSULT PHYSICIAN. INGESTION: IF THERE IS IRRITATION, SEEK MEDICAL ATTENTION. SKIN: IF MOLTEN, LEAVE MATERIAL ON SKIN AND FLUSH WITH COLD WATER, SEEK PHYSICIAN. IRRITATION: SEEK PHYSICIAN.</i>

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE _____ STABLE <u><i>X</i></u>	CONDITIONS TO AVOID: <i>SOURCES OF HEAT</i>	INCOMPATIBILITY (MATERIALS TO AVOID): <i>STRONG OXIDIZING AGENTS</i>
	HAZARDOUS DECOMPOSITION PRODUCTS: <i>MAJOR: OXIDES OF CARBON</i>	MINOR: <i>OXIDES OF SULFUR &amp; NITROGEN</i>
HAZARDOUS POLYMERIZATION: <i>MAY OCCUR _____</i>	WILL NOT OCCUR <u><i>X</i></u>	CONDITIONS TO AVOID: <i>N/A</i>

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: <i>SWEEP UP</i>
WASTE DISPOSAL METHOD: <i>DISPOSAL PRODUCT IN ACCORDANCE WITH FEDERAL, STATE OR LOCAL REGULATIONS.</i>

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): <i>N/A</i>	PROTECTIVE GLOVES: <i>NOT NECESSARY</i>	EYE PROTECTION: <i>WEAR GOGGLES IF MOLTEN</i>
VENTILATION: <i>LOCAL EXHAUST</i>	SPECIAL:	MECHANICAL (GENERAL):
		OTHER:

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: <i>STORE IN COOL DRY LOCATION</i>	OTHER PRECAUTIONS: <i>N/A</i>
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FORM:JOB592 REVISED 11/91