

Form Approved  
OMB No. 44-1187

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

**MATERIAL SAFETY DATA SHEET**

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

3229

0300437  
0300438

**SECTION I**

MANUFACTURER'S NAME <b>Douglas and Sturges, Inc.</b>	EMERGENCY TELEPHONE NO. 415-421-4456
ADDRESS (Number, Street, City, State, and ZIP Code) 730 Bryant St. San Francisco, CA 94107	
CHEMICAL NAME AND SYNONYMS Agar-Agar	TRADE NAME AND SYNONYMS FIBTELCO Moulage
CHEMICAL FAMILY Colloid	FORMULA Moulage

**SECTION II - HAZARDOUS INGREDIENTS**

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NO HAZARDOUS INGREDIENTS					

**SECTION III - PHYSICAL DATA**

BOILING POINT (°F.)	2150F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	Greater than 1
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	Greater than 1	EVAPORATION RATE (#3)	
SOLUBILITY IN WATER	Dilutable		
APPEARANCE AND ODOR	Off-White chunks, no discernable odor		

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Method used)	Non-Flammable	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	N.A.			
SPECIAL FIRE FIGHTING PROCEDURES	NA.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	N.A.			

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SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	N.A.
EFFECTS OF OVEREXPOSURE	N.A.
EMERGENCY AND FIRST AID PROCEDURES	N.A.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY <i>(Materials to avoid)</i> Do not use iron or steel utensils			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	If melted liquid is spilled, allow to cool and peel up. Solid may be disposed of as normal refuse.
WASTE DISPOSAL METHOD	In land fill or in accordance with federal, state or local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION <i>(Specify type)</i> None Required			
VENTILATION	LOCAL EXHAUST	None	SPECIAL
	MECHANICAL <i>(General)</i>	None	OTHER
PROTECTIVE GLOVES	None	EYE PROTECTION	None
OTHER PROTECTIVE EQUIPMENT None			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Keep Material in airtight container when not in use.
OTHER PRECAUTIONS	