

Safety Data Sheet

9 Red Sprue

	Section 1 Identification		
1.1 Product identifier	S		
Product name:	9 Red Sprue		
	d uses of the substance or mixture and uses advised against		
Identified uses			
	lier of the safety data sheet		
	facturing and Supply Company		
	oad, Avon, OH 44011		
(440) 934-190 www.freemans			
www.ireemans			
	Section 2 Hazards Identification		
2.1 Classification of th	e substance or mixture		
	according to OSHA 29 CFR 1910.1200 HCS		
	ts, including precautionary statements		
No label eleme			
2.3 Hazards not other			
Molten produc	t can cause serious burns.		
	Section 3 Composition/Information on Ingredients		
3.1 Mixture of Substan			
	xture of waxes, resin(s), additive(s) and/or oil soluble dye(s).		
No component	s need to be disclosed according to the applicable regulations.		
	Section 4 First Aid Measures		
4.1 Description of firs	t aid measures		
Inhalation	Get medical assistance if irritation develops or persists. If breathing is difficult,		
	move the person to fresh air. Give artificial respiration if person is not breathing.		
Skin contact	For thermal burns, flush or submerge effected area in cold water to dissipate heat.		
	Cover with clean bandage material. Do not peel material from skin. Get medical attention.		
	For contact at ambient temperatures, wash with soap and water.		
Eye contact	Immediately flush with plenty of water for at least 15 minutes.		
	If irritation persists, get medical attention immediately.		
Ingestion	If swallowed, rinse mouth with water. Never give anything by mouth to an unconscious person.		
	Do NOT induce vomiting. Consult a physician if necessary.		
	Section 5 Fire Fighting Measures		
5.1 Extinguishing med			
	guishing media: Water fog, dry chemical, foam, carbon dioxide.		
	tinguishing media: Do not use a solid water stream as it may scatter and spread fire. ising from the substance or mixture		
	and Explosion Hazards: Molten material can create slippery conditions. Avoid generating dust; fine		
	in air in sufficient concentrations, and in the presence of an ignition source is a potential dust		
	rd. This is an unlikely scenario but users should be aware of the risk.		
	mbustion Products: Carbon dioxide, carbon monoxide, complex hydrocarbons, irritating smoke.		
5.3 Advice for firefigh			
	ained breathing apparatus for firefighting if necessary.		

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Sec	tion 6 Accidental Release Measures				
 6.1 Personal precautions, protective equipment and emergency procedures Avoid breathing fumes. Avoid contact with skin and eyes. Wear appropriate personal protective equipment. 6.2 Environmental precautions Should not be released into the environment. Prevent product from entering drains. 6.3 Methods and materials for containment and cleaning up Allow molten material to cool. Contain spillage and use clean non-sparking tools to collect material. Shovel spillage into suitable container for disposal. 					
Section 7 Handling and Storage					
water after handling and before eating Avoid breathing fumes. Avoid contact Specific end use(s): Avoid heating ab operations). Do not let molten product 7.2 Conditions for safe storage, including an	g, drinking, or using tobacco. Do not us with molten material. ove 100°C (212°F) during the normal t stand unused in melt tanks and inject ny incompatibilities ed containers. Keep away from ignition	nd eyes. Wash thoroughly with soap and se in areas without adequate ventilation. investment casting process (except dewax tion machines. Stir product at all times. n sources, heat, open flames, and direct eated. Do not store with incompatible			
Section 8	Exposure Controls/Personal Prote	ction			
8.1 Control parameters Exposure Limits/Guideline					
Substance Name	Exposure Limit	Sources			
Wax fumes	2 mg/m ³ TWA	NIOSH REL / ACGIH TLV			
 8.2 Exposure controls Appropriate engineering controls Good general ventilation (typically 10 to conditions. Supplementary local exl needed in special circumstances, such dusts, etc. 8.3 Personal protective equipment 	naust ventilation, closed systems, or re	espiratory and eye protection may be			
Eye/FaceWear safety glasses equipped with sidHandsWear thermally resistant gloves and loSkin/BodyPrevent skin contact, wear long sleeveRespiratoryThe need for respiratory protection isIf elevated airborne concentrations abpurifying respirator. Follow the OSHA149. Use a NIOSH/MSHA or Europeansymptoms are experienced.Safety StationsMake emergency eyewash stations andGeneral Hygienic Practices	ong sleeves if handling molten product es and/or coveralls. not anticipated under normal use con ove applicable workplace exposure le respirator regulations found in 29 CF Standard EN 149 approved respirator d washing facilities available in work a Vash thoroughly after handling. Remo	ditions and with adequate ventilation. vels are anticipated, use an air- R 1910.134 or European Standard EN r if exposure limits are exceeded or area. ve contaminated clothing promptly and			

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0.918 at 20°C	
Insoluble	
No data available	
No data available	
Solid at room temperature	
Not explosive	
Not an oxidizer	
Not all Oxidizer	
Stability and Reactivity	
No dangerous reaction known under conditions of normal use.	
Stable under recommended storage conditions.	
Hazardous polymerization does not occur.	
Heat, sparks, open flame. Avoid dust formation.	
Strong oxidizing agents.	
In case of fire hazardous decomposition products may be	
produced: carbon monoxide, carbon dioxide, irritating smoke.	
oxicological Information	
No data available	
Wax fumes have been reported to be irritating to the respiratory	
tract, especially to sensitized persons.	
Molten product will cause thermal burns on contact	
No data available	
Molten product will cause thermal burns on contact	
Classification criteria not met	
Classification criteria not met	
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by	
IARC, NTP, or OSHA.	
Classification criteria not met	
No data available	
No data available	
Not relevant	

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Section 12 Ecological Information

Not expected to be harmful to aquatic organisms Expected to be inherently biodegradable No data available Expected to partition to sediment and wastewater solids No data available
ction 13 Disposal Considerations
ocal regulations.
ection 14 Transport Information
Not regulated
ction 15 Regulatory Information
ations/legislation specific for the product ith the following inventories: Australia AICS, Canada DSL/NDSL, New Zealand NZIOC, Philippines PICCS, USA TSCA cy Planning: No chemicals in this material are subject to the reporting munity Right-to-Know: None emical Release Inventory: This material does not contain any chemical that exceed the threshold (De Minimis) reporting levels. y Act (RCRA): In the form delivered, this product is not considered as reporting under the Resource Conservation and Recovery Act. ot known to contain any components for which the State of California has other reproductive harm.
Section 16 Other Information
uments. SELLER MAKES NO REPRESENTATION OR WARRANTY, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR o be construed as inducements to infringe any relevant patent. Under no incidental, consequential or indirect damages for alleged negligence, ising in connection with the product(s). Buyer's sole remedy and Seller's yer's purchase price. Data and results are based on controlled lab work and for its intended conditions of use. The product(s) has not been tested for, uses for which prolonged contact with mucous membranes, abraded skin,