

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, and shipbreaking (29 cfr 1915, 1916, 1917)

section i

manufacturer's name
r & d sales company emergency telephone no. 602-237-3301
address (number, street, city, state, and zip code)
4903 w. southern ave.
laveen, az 85339
msds #589000
chemical name and synonyms trade name and synonyms
n/a red oil base-sweeping compound
chemical family
n/a

section ii - hazardous ingredients

paints, preservatives, & solvents	%	tlv (units)	alloys and metallic coatings	%	tlv (units)
pigments dye-monoazo			base metal		
825 ppm					
catalyst			alloys		
vehicle			metallic coatings		
solvents			filler metal		
			plus coating or core flux		
additives			others		
others					

non hazardous mixture:
pine sawdust, mineral oil, red dye (i.c. 15620)
and adequate water to produce an effective product.

section iii - physical data

boiling point (f.)	specific gravity (h20=1)	27.78 lb./cu. ft.
vapor pressure (mm hg.)	percent, volatile	
	by volume (%)	
vapor density (air=1)	evaporation rate	
	(=1)	
solubility in water		
appearance and odor	pinkish red in color/odor of oil and sawdust	

section iv - fire and explosion hazard data

flash point (method used)	flammable limits	101	u01
class iiib 380f	unknown		
extinguishing media			
water, carbon dioxide, dry chemical			
special firefighting procedures			
none			

unusual fire and explosion hazards
exposure to strong oxidizers should be avoided.

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form osha-20

Section V - health hazard data

threshold limit value

if the finest (-40 mesh) increment of wood dust were to become air-borne,
amounts of greater than 5mg/m³ could cause respiratory irritation.

emergency and first aid procedures

consult a physician

section vi - reactivity data

stability unstable

conditions to avoid

stable

n/a

incompatibility (materials to avoid)

hazardous decomposition products

hazardous may occur

conditions to avoid

polymerization will not occur

N/a

section vii - spill or leak procedures

steps to be taken in case material is released or spilled

n/a

waste disposal method

n/a

section viii - special protection information

respiratory protection (specify type)

ventilation local exhaust

special

mechanical

other

protective gloves recommended

eye protection n/a

other protective equipment wash hands after handling

(if gloves are not used)

section ix - special precautions

precautions to be handling and storing

n/a

other precautions

n/a