

U.S. DEPARTMENT OF LABOR Occupational Safety and Health Administration	Form Approved OMB No. 44-R1387
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 DURACO INC	EMERGENCY TELEPHONE NO. 312-943-2700
ADDRESS (Number Street, City, State, and ZIP Code) 1025 W NORTH AVE CHICAGO, IL 60622	
CHEMICAL NAME AND SYNONYMS ACRYLIC RESIN	TRADE NAME AND SYNONYMS DRP-63 PRESSURE SENSITIVE ADHESIVE
CHEMICAL FAMILY	FORMULA

SECTION II - HAZARDOUS INGREDIENTS						
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)	
PIGMENTS	N/A	0	BASE METAL	N/A	0	
CATALYST	N/A	0	ALLOYS	N/A	0	
VEHICLE	N/A	0	METALLIC COATINGS	N/A	0	
SOLVENTS	N/A	0	FILLER METAL PLUS COATING OR CORE FLUX	N/A	0	
ADDITIVES	N/A		OTHERS	N/A	0	
OTHERS	N/A					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					%	TLV (Units)
None						
THIS MATERIAL IS NOT MADE FROM CHEMICAL COMPONENTS THAT ARE KNOWN TO REPRESENT POSSIBLE CARCINOGENIC, MUTAGENIC OR OTHER CHRONIC HAZARDS.						

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)	Not Applicable	SPECIFIC GRAVITY (H ₂ O=1)	N/A
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Zero		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	N/A
EXTINGUISHING MEDIA	ANY	Lel	Uel
SPECIAL FIRE FIGHTING PROCEDURES	SELF CONTAINED BREATHING APPARATUS		
UNUSUAL FIRE AND EXPLOSION HAZARDS	None		

PAGE (1)

(Continued on reverse side)

Form OSHA-20
Rev. May 72

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Unknown
EFFECTS OF OVEREXPOSURE	None
EMERGENCY AND FIRST AID PROCEDURES	None

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID Contact with open flame
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
MAY FORM TOXIC MATERIALS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Material is a solid	
WASTE DISPOSAL METHOD	
NORMAL TRASH DISPOSAL	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
None Required			
VENTILATION Normal air flow	LOCAL EXHAUST	Not required	SPECIAL
	MECHANICAL (General)	Not required	OTHER
PROTECTIVE GLOVES		Not required	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT		None	Not required

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Avoid contact with open flame	
OTHER PRECAUTIONS	
None	

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Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME DURACO, INC		EMERGENCY TELEPHONE NO. 312-943-2700
ADDRESS (Number, Street, City, State, and ZIP Code) 1025 W NORTH AVE, CHICAGO, IL 60622		
CHEMICAL NAME AND SYNONYMS Cross-linked polyolefin foam		TRADE NAME AND SYNONYMS VOLARA "E"
CHEMICAL FAMILY Polyolefin	FORMULA $((CH_2CH_2)_x (CH_2CHOCOCH_2)_y)_n$	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	N/A		BASE METAL	N/A	
CATALYST	N/A		ALLOYS	N/A	
VEHICLE	N/A		METALLIC COATINGS	N/A	
SOLVENTS	N/A		FILLER METAL PLUS COATING OR CORE FLUX	N/A	
ADDITIVES	N/A		OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
None					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	0.025-0.19
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	None
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Zero		
APPEARANCE AND ODOR	Foam material - normally white - no odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) N/A	FLAMMABLE LIMITS	Let	Uel
EXTINGUISHING MEDIA Water			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None Known			

PAGE (1)

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Form OSHA-20
Rev. May 72

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
EFFECTS OF OVEREXPOSURE N/A
EMERGENCY AND FIRST AID PROCEDURES Material is a solid

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Fire
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS Unknown decomposition products when burned - consider as toxic			
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 Material is a solid
WASTE DISPOSAL METHOD Dumping

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) In its manufactured state - none		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES Not required unless heating foam		EYE PROTECTION Normally not required
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
OTHER PRECAUTIONS

PAGE (2)

Form OSHA-2f
Rev. May 72