

# MATERIAL SAFETY DATA SHEET

## SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name/Identifier <b>EPO DYNWEIGHT - PART "A"</b>				
Manufacturer's Name <b>DYNAMIS, INC.</b>		Supplier's Name		
Street Address <b>415 E. VENICE AVE.</b>		Street Address		
City <b>VENICE,</b>	Province <b>FL.</b>	City	Province	
Postal Code <b>34292</b>	Emergency Telephone No. <b>800/688-4005</b>	Postal Code	Emergency Telephone No.	
Chemical Name <b>EPOXY</b>	Chemical Family <b>EPOXY</b>	Chemical Formula <b>EPOXY</b>		
Molecular Weight <b>N.A.</b>	Trade Name and Synonyms <b>EPO DYNWEIGHT PART "A"</b>	Material Use <b>DYNAMIC BALANCING</b>		

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	"Exposure limits"	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route
THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIENTS PER THE HAZARDOUS PRODUCT ACT INGREDIENTS DISCLOSURE LIST				
**SEE INGREDIENT ATTACHMENT**				
N.I.F. = NO INFORMATION FOUND      N.E. = NOT ESTABLISHED      N.A. = NOT APPLICABLE				

## SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Gas <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input checked="" type="checkbox"/>	Odour and Appearance <b>GREY MASTIC</b>	Odour Threshold(p.p.m.) <b>N.E.</b>	Specific Gravity <b>2.5</b>
Vapour Pressure (mm) <b>N.E.</b>	Vapour Density (Air = 1) <b>N.E.</b>	Evaporation Rate <b>-0-</b>	Boiling Point (°C) <b>N.E.</b>
Freezing Point (°C) <b>N.E.</b>	Solubility in Water (20°C) <b>INSOLUBLE</b>	% Volatile (by volume) <b>0%</b>	pH <b>N.E.</b>
Density (g/ml) <b>2.5</b>	Coefficient of water/oil distribution <b>N.E.</b>		

## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, under which conditions:			
Means of Extinction <b>DRY CHEMICAL, FOAM/FOG, CO2</b>			
Special Procedures <b>FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS TO AVOID INHALATION OF SMOKE AND VAPORS</b>			
Flashpoint (°C) and Method <b>250° C PMCC</b>	Upper explosion limit (% by volume) <b>N.E.</b>	Lower explosion limit (% by volume) <b>N.E.</b>	
Auto Ignition Temperature (°C) <b>N.A.</b>	TDG Flammability Classification <b>N.A.</b>	Hazardous Combustion Products <b>N.E.</b>	
Explosion Data Sensitivity to Chemical Impact <b>N.A.</b>	Rate of Burning <b>N.A.</b>	Explosive Power <b>N.A.</b>	Sensitivity to Static Discharge <b>N.A.</b>

## SECTION V - REACTIVITY DATA

Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If no, under which conditions?	
Incompatibility to other substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If so, which ones?	<b>AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, STRONG ALKALIES, AMINES AND EPOXY HARDNERS.</b>
Reactivity and under what conditions	<b>BOTH COMPONENTS OF THIS PRODUCT WILL REACT WITH EACH OTHER AND HARDEN UNDER ROOM TEMPERATURE CONDITIONS WHEN MIXED.</b>
Hazardous Decomposition Products	<b>NONE KNOWN</b>

Material Name/Identifier EPO DYNAWEIGHT PART "A"

SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry  Skin Contact  Skin Absorption  Eye Contact  Inhalation Acute  Inhalation Chronic  Ingestion

Effects of Acute Exposure to Product SLIGHT SKIN IRRITANT, MAY BE SKIN SENSITIZER MAY BE RESPIRATORY SENSITIZER

Effects of Chronic Exposure to Product POSSIBLE DERMATITIS

LD <sub>50</sub> of Product (Specify Species and Route) N.E.	Irritancy of Product POSSIBLE SLIGHT SKIN IRRITANT	Exposure limits of Product N.E.
LC <sub>50</sub> of Product (Specify Species) N.E.	Sensitization to Product N.E.	Synergistic materials N.E.

Carcinogenicity  Reproductive effects  Teratogenicity  Mutagenicity  
NO CARCINOGENICITY, MUTAGENICITY OR TERATOGENICITY KNOWN

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

Gloves (Specify) SURGICAL	Respiratory (Specify) N.A.	Eye (Specify) SAFETY GLASSES	Footwear (Specify) N.A.
Clothing (Specify) CLEAN	Other (Specify) FRESH CLOTHING DAILY		

Engineering Controls (e.g. ventilation, enclosed process, specify)  
VENTILATION RECOMMENDED

Leak and Spill Procedure  
PICK UP AND DISCARD APPROPRIATELY

Waste Disposal  
IN ACCORDANCE WITH APPLICABLE REGULATIONS

Handling Procedures and Equipment  
GOOD HYGIENE - WEAR GLOVES

Storage Requirements  
ROOM TEMPERATURE

Special Shipping Information  
N.A.

SECTION VIII - FIRST AID MEASURES

Skin  
WASH WITH SOAP AND WATER

Eye  
FLUSH WITH WATER. MEDICAL ATTENTION IF REQUIRED

Inhalation  
REMOVE TO FRESH AIR

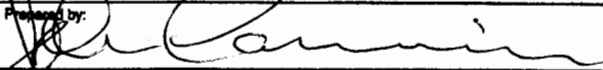
Ingestion  
CONTACT PHYSICIAN

General advice SKIN IRRITANT, PRACTICE GOOD HYGIENE, WEAR CLEAN CLOTHES, AVOID EXCESSIVE CONTACT WITH SKIN, WEAR SURGICAL GLOVES.

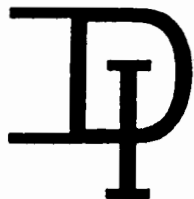
SECTION IX - PREPARATION DATE OF M.S.D.S.

Additional Information/Comments  
PERSONS WHO ARE CHEMICALLY SENSITIVE SHOULD NOT USE THIS PRODUCT.

Sources Used  
INFORMATION SUPPLIED ON M.S.D.S. PROVIDED BY RAW MATERIAL SUPPLIERS

Prepared by:  JOHN CARAMANIAN, PRESIDENT	Phone number 94 1/488-3999	Date 6/21/01 - REVISED
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# Dynamis Inc.

## MATERIAL SAFETY DATA SHEET ADDENDUM

### EPO DYNAWEIGHT

#### PART "A"

Listed below is the complete disclosure of raw materials comprising EPO Dynaweight.

<b>PRODUCT NAME</b>	<b>CAS NUMBER</b>
Epoxy Resin	025-085-99-8
Wollastonite	13983-17-0
Barytes	7727-43-7
Zinc Dust	7440-66-6
Kevlar	26126-61-1

# MATERIAL SAFETY DATA SHEET

## SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name/Identifier <b>EPO DYNAWEIGHT PART "B"</b>				
Manufacturer's Name <b>DYNAMIS, INC.</b>			Supplier's Name	
Street Address <b>415 E. VENICE AVE.</b>			Street Address	
City <b>VENICE</b>	Province <b>FL</b>	City	Province	
Postal Code <b>34292</b>	Emergency Telephone No. <b>800/688-4005</b>	Postal Code	Emergency Telephone No.	
Chemical Name <b>POLYAMIDE</b>	Chemical Family <b>POLYAMIDE</b>	Chemical Formula <b>POLYAMIDE</b>		
Molecular Weight <b>N.A.</b>	Trade Name and Synonyms <b>EPO DYNAWEIGHT - PART "B"</b>	Material Use <b>DYNAMIC BALANCING</b>		

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	"Exposure limits"	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route
THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIENTS PER THE HAZARDOUS PRODUCT ACT INGREDIENTS DISCLOSURE LIST.				
N.I.F. = NO INFORMATION FOUND      N.E. = NOT ESTABLISHED      N.A. = NOT APPLICABLE				

## SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Gas <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input checked="" type="checkbox"/>	Odour and Appearance <b>OFF WHITE MASTIC, SLIGHT AMINE ODOR</b>		Odour Threshold (p.p.m.) <b>N.E.</b>	Specific Gravity <b>2.4 ± .2</b>
Vapour Pressure (mm) <b>N.E.</b>	Vapour Density (Air = 1) <b>N.A.</b>	Evaporation Rate <b>N.A.</b>	Boiling Point (°C) <b>N.A.</b>	Freezing Point (°C) <b>N.A.</b>
Solubility in Water (20°C) <b>INSOLUBLE</b>	% Volatile (by volume) <b>-0-</b>	pH <b>N.E.</b>	Density (g/ml)	Coefficient of water/oil distribution <b>N.E.</b>

## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability      if yes, under which conditions: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Means of Extinction <b>DRY CHEMICAL, FOAM/FOG, CO2</b>				
Special Procedures <b>FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS TO AVOID INHALATION OF SMOKE AND VAPORS.</b>				
Flashpoint (°C) and Method <b>N.E.</b>	Upper explosion limit (% by volume) <b>N.E.</b>		Lower explosion limit (% by volume) <b>N.E.</b>	
Auto Ignition Temperature (°C) <b>N.E.</b>	TDG Flammability Classification <b>N.E.</b>		Hazardous Combustion Products <b>N.E.</b>	
Explosion Data Sensitivity to Chemical Impact <b>N.A.</b>	Rate of Burning <b>N.E.</b>	Explosive Power <b>N.A.</b>	Sensitivity to Static Discharge <b>N.E.</b>	

## SECTION V - REACTIVITY DATA

Chemical Stability      if no, under which conditions? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Incompatibility to other substances      if so, which ones? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<b>AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, STRONG ALKALIES, AMINES AND EPOXY RESINS</b>
Reactivity and under what conditions <b>BOTH COMPONENTS OF THIS PRODUCT WILL REACT WITH EACH OTHER AND HARDEN UNDER ROOM TEMPERATURE CONDITIONS WHEN MIXED.</b>	
Hazardous Decomposition Products <b>NONE KNOWN</b>	

Material Name/Identifier EPO DYNAWEIGHT - PART "B"

SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry  Skin Contact  Skin Absorption  Eye Contact  Inhalation Acute  Inhalation Chronic  Ingestion

Effects of Acute Exposure to Product DERMATITIS

Effects of Chronic Exposure to Product SKIN IRRITANT

LD50 of Product (Specify Species and Route) N.E. Irritancy of Product N.E. Exposure limits of Product N.E.
LC50 of Product (Specify Species) N.E. Sensitization to Product N.E. Synergistic materials N.E.

Carcinogenicity Reproductive effects Teratogenicity Mutagenicity
NO CARCINOGENICITY, MUTAGENICITY OR TERATOGENICITY KNOWN

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

Gloves (Specify) SURGICAL Respiratory (Specify) N.A. Eye (Specify) SAFETY GLASSES Footwear (Specify) N.A.
Clothing (Specify) CLEAN Other (Specify) FRESH CLOTHING DAILY

Engineering Controls (e.g. ventilation, enclosed process, specify) VENTILATION RECOMMENDED

Leak and Spill Procedure PICK UP AND DISCARD APPROPRIATELY

Waste Disposal IN ACCORDANCE WITH APPLICABLE REGULATIONS

Handling Procedures and Equipment GOOD HYGIENE - WEAR GLOVES

Storage Requirements ROOM TEMPERATURE

Special Shipping Information N.A.

SECTION VIII - FIRST AID MEASURES

Skin WASH WITH SOAP AND WATER

Eye FLUSH WITH WATER. MEDICAL ATTENTION AS REQUIRED

Inhalation REMOVE TO FRESH AIR

Ingestion CONTACT PHYSICIAN

General advice SKIN IRRITANT: PRACTICE GOOD HYGIENE, WEAR CLEAN CLOTHES, AVOID EXCESSIVE CONTACT WITH SKIN, WEAR SURGICAL GLOVES.

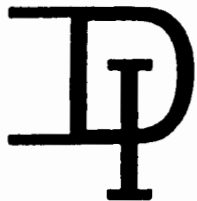
SECTION IX - PREPARATION DATE OF M.S.D.S.

Additional Information/Comments

PERSONS WHO ARE CHEMICALLY SENSITIVE SHOULD NOT USE THIS PRODUCT

Sources Used INFORMATION SUPPLIED ON M.S.D.S. PROVIDED BY RAW MATERIAL SUPPLIERS

Prepared by: JOHN CARAMANIAN, PRESIDENT Phone number 941/488-3999 Date 6/21/01 - REVISED



# Dynamis Inc.

## MATERIAL SAFETY DATA SHEET ADDENDUM

### EPO DYNAWEIGHT

#### PART "B"

Listed below is the complete disclosure of raw materials comprising EPO Dynaweight.

<b>PRODUCT NAME</b>	<b>CAS NUMBER</b>
Wollastonite	13983-17-0
Barytes	7440-66-6
Kevlar	26126-61-1
Tertiary Amine	TRADE SECRET
Titanium Dioxide	13463-67-7
Polyamide Resin	68410-23-1