MATERIAL SAFETY DATA SHEET

Product Name:	INTERMIX EPOXY PRIMER - Colours Component A

SECTION 04: FIRST AID MEASURES

Inhalation (acute):	Remove to fresh air and if necessary restore breathing by giving artificial respiration. Administer oxygen if victim is breathing with difficulty. GET IMMEDIATE MEDICAL HELP.
Ingestion:	DO NOT INDUCE VOMITING. Seek medical help. Give 1 or 2 glasses water or milk, BUT ONLY IF VICTIM IS CONSCIOUS.
Eye Contact:	Check for and remove any contact lenses. Flush eyes IMMEDIATELY with water for 15 minutes and get immediate medical help.
Skin Contact:	Wash with soap and water. Clean contaminated clothing before reuse.
Notes to Physician:	Treatment is symptomatic. There is no specific antidote. See list of ingredients.

SECTION 05: FIRE FIGHTING MEASURES

Flash Point (°C) (TCC):	-9
Auto Ignition Temperature (°C):	244
Upper Explosive Limit (% Vol):	7
Lower Explosive Limit (% Vol):	1
Extinguishing Media:	CO_2, foam, dry chemical. Avoid using water except as a fog.
Hazardous Combustion Products:	CO, CO_2, Various hydrocarbons, NO_x, Ammonia gas, Toxic or irritating products.
Sensitivity To Mechanical Impact:	None
Sensitivity To Static Discharge:	Can ignite vapors
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and full protective clothing. Extreme heat may cause pressure build-up in containers and possibly explosion, therefore use water to keep containers cool.
Conditions of Flammability:	Sparks, open flame, static discharge or extreme temperature. Vapors from this product are heavier than air and may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from the point of handling.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak / Spill:	Remove all sources of ignition. The product should be contained and absorbed with inert materials and placed into a container. Do not seal the containers until any gas, which might form, has done so.
Clean up:	

SECTION 07: HANDLING AND STORAGE

Handling Procedures:	Avoid static charges, sparks, flames, ignition sources, excessive heat. Keep containers tightly closed and upright when not in use. Do not allow contact with skin or eyes, and don't breathe vapors. Electrical and mechanical equipment should be explosion-proof.
Storage Needs:	Store in a cool, dry place.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

Eye/Type:	Personnel should wear liquid chemical goggles or a full-face shield.
Respiratory/Type:	Personnel should wear a suitable air supplied respirator.
Gloves/Clothing/Footwear/Type:	Personnel should wear chemical-resistant clothing, gloves and footwear.
Other/Type:	A safety shower and eye wash facility should be available.
Ventilation Requirements:	Adequate ventilation must be assured to prevent the accumulation of dangerous amounts of vapor or mist.

MATERIAL SAFETY DATA SHEET

Product Name:	INTERMIX EPOXY PRIMER - Colours Component A

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State (appearance):	Colored liquid
Odor:	Solvent
Density (g/ml):	1.48 – 1.77
Odor Threshold (ppm):	N/A
Vapor Pressure (@20°C):	77 mm Hg
Vapor Density (Air=1):	Heavier than air
Evaporation Rate:	N/A
Boiling Point (°C):	80
pH:	N/A
Solubility in Water (% W/W):	N/A
Coefficient of Water/Oil Distribution:	N/A
Freezing Point (°C):	N/A
VOC:	345 – 430 g/l or 2.87 – 3.58 lbs/gal

SECTION 10: STABILITY AND REACTIVITY

Reactivity Conditions:	Will react dangerously with oxidizing materials

SECTION 11: REGULATORY INFORMATION

WHMIS Classification:	B-2, D-2A, D-2B

SECTION 12: DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of waste according to local, provincial and federal regulations. Utilize authorized centers for disposal of combustible chemical material.

SECTION 13: TRANSPORT INFORMATION

T.D.G. Classification:	Shipping name: Paint. UN 1263, Cl 3, PG II.

SECTION 14: OTHER INFORMATION

Note:	
Prepared By:	Technical Department
Preparation Date:	August 1, 2006

MATERIAL SAFETY DATA SHEET

Product Name:	INTERMIX EPOXY PRIMER 3:1 COMPONENT "B"

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer/Supplier:

Endura Manufacturing Co. Ltd.
12425 - 149 Street
Edmonton, Alberta
T5L 2J6
Ph: (780) 451-4242 Fax: (780) 452-5079

24-Hour Emergency Number:..... (613) 996-6666 (Canutec)
Product Name:..... INTERMIX EPOXY PRIMER 3:1 COMPONENT "B"
Item Number:..... UN 1263 Cl 3 PG II
Chemical Family:..... Aromatic Hydrocarbons, Alcohols, Glycol ethers.
Material Use:..... 2 component Epoxy Primer –intermix system.

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	C.A.S.	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES	TLV	% WT
nonylphenol	84852-15-3	.58 g/kg o-r	N/A	10 ppm	5 – 15
tris(dimethylaminomethyl)phenol	90-72-2	1.2 g/kg o-r 1.28 g/kg d-rbt	N/A	N/A	1 – 5
butanol	71-36-3	.79g/kg o-r	8000 ppm/8h i-r	50 ppm	5 - 10
xylene	1330-20-7	4.3 g/kg o-r >2 g/kg d-rbt	5000 ppm/4h i-r	100 ppm	10 - 20
Ethylene glycol monobutyl ether acetate	112-07-2	2400 mg/kg rat	450 ppm rat	20 ppm	5 - 10
toluene	108-88-3	636 mg/kg 0-r	8000ppm 4 hr. i-r	50 ppm	25 - 35

legend: o=oral d=dermal i=inhalation rbt=rabbit r=rat p=intraperitoneal g=guinea pig

See Sax, N.I. "Dangerous Properties of Industrial Materials" for more information.

SECTION 03: HAZARDS IDENTIFICATION

Eye Contact:..... Moderately irritating to eyes and can cause tissue damage. Can cause burning to eyes.
Skin Contact:..... Low toxicity by skin absorption, but extended contact can cause irritation and dermatitis. Can cause burning to skin.
Inhalation:..... Vapors are of low to moderate toxicity when inhaled and are irritating to nose, throat and other respiratory passages, especially in higher concentrations. Extended exposure can cause headaches, dizziness, nausea or even loss of muscular control and coordination, narcosis or unconsciousness.
Ingestion:..... Liquid is of low to moderate toxicity when ingested, but can be hazardous if aspirated into lungs during swallowing or vomiting. Can cause burning to gastrointestinal passages.
Additional Information:..... Chronic hazards include narcosis, specific organ damage, permanent brain and nervous system damage or coma if extensively abused.

MATERIAL SAFETY DATA SHEET

Product Name:	INTERMIX EPOXY PRIMER 3:1 COMPONENT "B"

SECTION 04: FIRST AID MEASURES

Inhalation (acute):	Remove to fresh air and if necessary restore breathing by giving artificial respiration. Administer oxygen if victim is breathing with difficulty. GET IMMEDIATE MEDICAL HELP.
Ingestion:	DO NOT INDUCE VOMITING. Seek medical help. Give 1 or 2 glasses water or milk, BUT ONLY IF VICTIM IS CONSCIOUS.
Eye Contact:	Check for and remove any contact lenses. Flush eyes IMMEDIATELY with water for 15 minutes and get immediate medical help.
Skin Contact:	Wash with soap and water. Clean contaminated clothing before reuse.
Notes to Physician:	Treatment is symptomatic. There is no specific antidote. See list of ingredients.

SECTION 05: FIRE FIGHTING MEASURES

Flash Point (°C) (TCC):	14
Auto Ignition Temperature (°C):	244
Upper Explosive Limit (% Vol):	7
Lower Explosive Limit (% Vol):	1
Extinguishing Media:	CO_2, foam, dry chemical. Avoid using water except as a fog.
Hazardous Combustion Products:	CO, CO_2, Various hydrocarbons, NO_x, Ammonia gas, Toxic or irritating products.
Sensitivity To Mechanical Impact:	None
Sensitivity To Static Discharge:	Can ignite vapors
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and full protective clothing. Extreme heat may cause pressure build-up in containers and possibly explosion, therefore use water to keep containers cool.
Conditions of Flammability:	Sparks, open flame, static discharge or extreme temperature. Vapors from this product are heavier than air and may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from the point of handling.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak / Spill:	Remove all sources of ignition. The product should be contained and absorbed with inert materials and placed into a container. Do not seal the containers until any gas, which might form, has done so.

SECTION 07: HANDLING AND STORAGE

Handling Procedures:	Avoid static charges, sparks, flames, ignition sources, excessive heat. Keep containers tightly closed and upright when not in use. Do not allow contact with skin or eyes, and don't breathe vapors. Electrical and mechanical equipment should be explosion-proof.
Storage Needs:	Store in a cool, dry place.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

Eye/Type:	Personnel should wear liquid chemical goggles or a full-face shield.
Respiratory/Type:	Personnel should wear a suitable air supplied respirator.
Gloves/Clothing/Footwear/Type:	Personnel should wear chemical-resistant clothing, gloves and footwear.
Other/Type:	A safety shower and eye wash facility should be available.
Ventilation Requirements:	Adequate ventilation must be assured to prevent the accumulation of dangerous amounts of vapor or mist.

MATERIAL SAFETY DATA SHEET

Product Name:	INTERMIX EPOXY PRIMER 3:1 COMPONENT "B"

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

NOTE: Differences between Component "B" and the Mixture of A and B are specified as B and M

Physical State (appearance):	Amber liquid
Odor:	Solvent
Density (g/ml):	0.895
Odor Threshold (ppm):	N/A
Vapor Pressure (@20°C):	16 mm Hg
Vapor Density (Air=1):	Heavier than air
Evaporation Rate:	N/A
Boiling Point (°C):	118
pH:	N/A
Solubility in Water (% W/W):	N/A
Coefficient of Water/Oil Distribution:	N/A
Freezing Point (°C):	<0
VOC:	B 535 g/l or 4.44 lbs/gal M 418 g/l or 3.48 lbs/gal

SECTION 10: STABILITY AND REACTIVITY

Reactivity Conditions: Will react dangerously with oxidizing materials

SECTION 11: REGULATORY INFORMATION

WHMIS Classification: B-2, D-2A, D-2B, E

SECTION 12: DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of waste according to local, provincial and federal regulations. Utilize authorized centers for disposal of combustible chemical material.

SECTION 13: TRANSPORT INFORMATION

T.D.G. Classification: Shipping name: Paint. UN 1263, Cl 3, PG II.

SECTION 14: OTHER INFORMATION

Note:	
Prepared By:	Amanda Dixon
Preparation Date:	August 2, 2006

MATERIAL SAFETY DATA SHEET

Product Name:	EX-2C TOPCOAT and CLEAR Component A

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer/Supplier: Endura Manufacturing Co. Ltd.
12425 - 149 Street
Edmonton, Alberta
T5L 2J6
Ph: (780) 451-4242 Fax: (780) 452-5079

24-Hour Emergency Number:..... (613) 996-6666 (Canutec)
Product Name:..... EX-2C TOPCOAT and CLEAR. Component A.
Item Number:..... UN 1263 Cl 3 PG II
Chemical Family:..... Ester, Aromatic Hydrocarbon, Ketone, Pigments
Material Use:..... 2 Component Plastic Coating – EX-2C Component "A" must be mixed with an EX-2C Component "B"

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	C.A.S.	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES	TLV	% WT
***Component A* - Polyester Solution**					
n-butyl acetate	123-86-4	14 g/kg o-r	2000 ppm/4h i-r	150 ppm	20 – 40
xylene	1330-20-7	4.3 g/kg o-r >2 g/kg d-rbt	5000 ppm/4h i-r	100 ppm	1 – 5
pm acetate	108-65-6	8.5 g/kg o-fr >5 g/kg d-rbt	N/A	N/A	1 – 5
ethyl 3-ethoxypropionate	763-69-9	5 g/kg o-r 10 ml/kg d-rbt	>1000 ppm/6h i-r	N/A	1 – 5
acetone	67-64-1	>9.7 g/kg o-r >20 ml/kg d-rbt	>16000 ppm/4h i-r	500 ppm	1 – 5
Some colours contain		***(*) these colours may be reformulated with no lead content when required.***			
chromium hydroxide	1308-14-1	N/A	N/A	.05 mg/m³	0 – 1
lead chromate (*)	7758-97-6	12000 mg/kg o-r	N/A	.05 ppm	0 – 50
lead sulphate (*)	7446-14-2	2000 mg/kg o-r	N/A	.15 ppm	0 – 15
molybdenum compounds n.o.s. (*)	-	N/A	N/A	N/A	0 – 5
mica	12001-26-2	N/A	N/A	3 mg/m³	0 – 15
aluminum flake	7429-90-5	N/A	N/A	10 mg/m³	0 – 15
carbon black	1333-86-4	>15.4 g/kg o-r >3 g/kg d-rbt	N/A	3.5 mg/m³	0 – 5
tin oxide	18282-10-5	>20000 mg/kg o-r	N/A	2 mg/m³	0 – 1
ferric oxide	1309-37-1	>5000 mg/kg o-r	N/A	10 mg/m³	0 – 50
antimony trioxide	1309-64-4	N/A	N/A	N/A	0 – 5
titanium dioxide	13463-67-7	>25 g/kg o-r >10 g/kg d-rbt	>6.82 mg/l/4h	10 mg/m³/8h	0 – 60
titanium dioxide	1317-80-2	N/A	N/A	10 mg/m³	0 – 10
aromatic solvent	64742-95-6	>5 g/kg o-r >3160 mg/kg d-rbt	N/A	N/A	0 – 2
stoddard solvent	8052-41-3	>5 g/kg o-r >3160 mg/kg d-rbt	N/A	100 ppm	0 – 2
dichloro dimethyl silane	68611-44-9	>5000 mg/kg o-r	N/A	10 mg/m³	0 – 1
silica-amorphous, precip.	112926-00-8	>10000 mg/kg o-r	N/A	10 mg/m³	0 – 15

legend: o=oral d=dermal i=inhalation rbt=rabbit r=rat p=intraperitoneal fr=female rat
See Sax, N.I. "Dangerous Properties of Industrial Materials" for more information.

SECTION 03: HAZARDS IDENTIFICATION

Eye Contact:..... Moderately irritating to eyes and can cause tissue damage.
Skin Contact:..... Low toxicity by skin absorption, but extended contact can cause irritation and dermatitis. Skin sensitization or reddening, swelling or blistering can occur.
Inhalation:..... Vapors are of low to moderate toxicity when inhaled and are irritating to nose, throat and other respiratory passages, especially in higher concentrations. Extended exposure can cause headaches, dizziness, nausea or even loss of muscular control and coordination, narcosis or unconsciousness.
Ingestion:..... Liquid is of low to moderate toxicity when ingested, but can be hazardous if aspirated into lungs during swallowing or vomiting.
Additional Information:..... Chronic hazards include narcosis, specific organ damage, permanent brain and nervous system damage or coma if extensively abused. Lead chromate and carbon black are possible carcinogens.

MATERIAL SAFETY DATA SHEET

Product Name:	EX-2C TOPCOAT and CLEAR Component A

SECTION 04: FIRST AID MEASURES

Inhalation (acute):	Remove to fresh air and if necessary restore breathing by giving artificial respiration. Administer oxygen if victim is breathing with difficulty. GET IMMEDIATE MEDICAL HELP.
Ingestion:	DO NOT INDUCE VOMITING. Seek medical help. Give 1 or 2 glasses water or milk, BUT ONLY IF VICTIM IS CONSCIOUS.
Eye Contact:	Check for and remove any contact lenses. Flush eyes IMMEDIATELY with water for 15 minutes and get immediate medical help.
Skin Contact:	Wash with soap and water. Clean contaminated clothing before reuse.
Notes to Physician:	Treatment is symptomatic. There is no specific antidote. See list of ingredients.

SECTION 05: FIRE FIGHTING MEASURES

Flash Point (°C), (TCC):	-18
Auto Ignition Temperature (°C):	N/A
Upper Explosive Limit (% Vol):	N/A
Lower Explosive Limit (% Vol):	N/A
Extinguishing Media:	CO_2, foam, dry chemical. Avoid using water except as a fog.
Hazardous Combustion Products:	CO, CO_2. Possibly Oxides of Nitrogen, Sulphur, Lead, Chromium, Antimony or Aluminum.
Sensitivity To Mechanical Impact:	None
Sensitivity To Static Discharge:	Can ignite vapors
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and full protective clothing. Extreme heat may cause pressure build-up in containers and possibly explosion, therefore use water to keep containers cool.
Conditions of Flammability:	Sparks, open flame, static discharge or extreme temperature.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak / Spill:	Remove all sources of ignition. The product should be contained and absorbed with inert materials and placed into a container. Do not seal the containers until any gas, which might form, has done so.
Clean up:	

SECTION 07: HANDLING AND STORAGE

Handling Procedures:	Avoid static charges, sparks, flames and excessive heat. Keep containers tightly closed and upright when not in use. Do not allow contact with skin or eyes, and don't breathe vapors.
Storage Needs:	Store in a cool, dry place.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

Eye/Type:	Personnel should wear liquid chemical goggles or a full-face shield.
Respiratory/Type:	Personnel should wear a suitable air supplied respirator.
Gloves/Clothing/Footwear/Type:	Personnel should wear chemical-resistant clothing, gloves and footwear.
Other/Type:	A safety shower and eye wash facility should be available.
Ventilation Requirements:	Adequate ventilation must be assured to prevent the accumulation of dangerous amounts of vapor or mist.

MATERIAL SAFETY DATA SHEET

Product Name:	EX-2C TOPCOAT and CLEAR Component A

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State (appearance):	Coloured or clear liquid
Odor:	Solvent like
Density (g/ml):	1 – 1.6
Odor Threshold (ppm):	N/A
Vapor Pressure (@20°C):	180 mm Hg
Vapor Density (Air=1):	Heavier than air
Evaporation Rate:	5.7
Boiling Point (°C):	57
pH:	N/A
Solubility in Water (% W/W):	N/A
Coefficient of Water/Oil Distribution:	N/A
Freezing Point (°C):	N/A
Melting Point (°C):	N/A
VOC:	Please refer to each product MSDS

SECTION 10: STABILITY AND REACTIVITY

Reactivity Conditions:	Will react with oxidizing materials.

SECTION 11: REGULATORY INFORMATION

WHMIS Classification:	B-2, D-2A, D-2B

SECTION 12: DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of waste according to local, provincial and federal regulations. Utilize authorized centers for disposal of combustible chemical material.

SECTION 13: TRANSPORT INFORMATION

T.D.G. Classification:	Shipping name: Paint. UN 1263, Cl 3, PG II.

SECTION 14: OTHER INFORMATION

Note:	
Prepared By:	Technical Department
Revision Date:	July 26, 2006

MATERIAL SAFETY DATA SHEET

Product Name:	EX-2C COMPONENT B

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer/Supplier:..... Endura Manufacturing Co. Ltd.
12425 - 149 Street
Edmonton, Alberta
T5L 2J6
Ph: (780) 451-4242 Fax: (780) 452-5079

24-Hour Emergency Number:..... (613) 996-6666 (Canutec)
Product Name:..... EX-2C COMPONENT B
Item Number:..... UN 1263 Cl 3 PG II
Chemical Family:..... Ester, Ketone, HDI
Material Use:..... 2 component plastic coating – mix 1 part Component "A" and 1 part Component "B" by volume

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	C.A.S.	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES	TLV	% WT
Methyl Amyl Ketone	110-43-0	1.67 g/kg o-r 12.6 ml/kg d-rbt	4000 ppm/4h i-r	100 ppm	10-15
Ethyl Acetate	141-78-6	5.6 g/kg o-r 20 ml/kg d-rbt	16000 ppm/6h i-r	400 ppm	10-15
n-butyl acetate	123-86-4	14 g/kg o-r	2000 ppm/4h i-r	150 ppm	20 – 30
hexamethylene diisocyanate	822-06-0	710 mg/kg o-r 570 mg/kg d-rbt	310-350 mg/m³/1-4 h i-r	.005 ppm	**
homopolymer of HDI	28182-81-2	>10 g/kg o-r		N/A	30-50

** Free HDI monomer <0.15% of mixed solution (comp. A & comp. B) at time of manufacture. The monomer content may rise to 0.35% after 3-6 months storage.

legend: o=oral d=dermal i=inhalation rbt=rabbit r=rat fr=female rat g=guinea pig

See Sax, N.I. "Dangerous Properties of Industrial Materials" for more information.

SECTION 03: HAZARDS IDENTIFICATION

Eye Contact:..... Moderately irritating to eyes and can cause tissue damage.

Skin Contact:..... Low toxicity by skin absorption, but extended contact can cause irritation and dermatitis. Skin sensitization or reddening, swelling or blistering can occur.

Inhalation:..... Vapors are of low to moderate toxicity when inhaled and are irritating to nose, throat and other respiratory passages, especially in higher concentrations. Extended exposure can cause headaches, dizziness, nausea or even loss of muscular control and coordination, narcosis or unconsciousness. In addition to causing lung irritation, coughing, breathlessness and chest discomfort, isocyanates can cause a reduction in lung function or even bronchitis, bronchial spasm or pulmonary edema in extreme concentrations. Any of these effects can be immediate or delayed. Any pre-existing impairment in lung function will be magnified or sensitization of the lungs can occur, and those in either condition should not be exposed to any level of isocyanate vapor.

Ingestion:..... Liquid is of low to moderate toxicity when ingested, but can be hazardous if aspirated into lungs during swallowing or vomiting.

Additional Information:..... Chronic hazards include narcosis, specific organ damage, permanent brain and nervous system damage or coma if extensively abused. Component B (and therefore the mixture) contains an isocyanate compound, which carries additional hazards. The vapor's odor is not detectable until dangerous levels have already been reached.

MATERIAL SAFETY DATA SHEET

Product Name:	EX-2C COMPONENT B

SECTION 04: FIRST AID MEASURES

Inhalation (acute):	Remove to fresh air and if necessary restore breathing by giving artificial respiration. Administer oxygen if victim is breathing with difficulty. GET IMMEDIATE MEDICAL HELP.
Ingestion:	DO NOT INDUCE VOMITING. Seek medical help. Give 1 or 2 glasses water or milk, BUT ONLY IF VICTIM IS CONSCIOUS.
Eye Contact:	Check for and remove any contact lenses. Flush eyes IMMEDIATELY with water for 15 minutes and get immediate medical help.
Skin Contact:	Wash with soap and water. Clean contaminated clothing before reuse.
Notes to Physician:	Treatment is symptomatic. There is no specific antidote. See list of ingredients.

SECTION 05: FIRE FIGHTING MEASURES

Flash Point (°C) (TCC):	-4
Auto Ignition Temperature (°C):	N/A
Upper Explosive Limit (% Vol):	N/A
Lower Explosive Limit (% Vol):	N/A
Extinguishing Media:	CO_2, dry chemical, foam. Avoid using water except as a fog.
Hazardous Combustion Products:	CO, CO_2. Oxides of Nitrogen. Hydrogen Cyanide. HDI
Sensitivity To Mechanical Impact:	None
Sensitivity To Static Discharge:	Can ignite vapors
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and full protective clothing. Extreme heat may cause pressure build-up in containers and possibly explosion, therefore use water to keep containers cool.
Conditions of Flammability:	Sparks, open flame, static discharge or extreme temperature.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak / Spill:	Remove all sources of ignition. The product should be contained and absorbed with inert materials and placed into a container. Do not seal the containers until any gas, which might form, has done so.

SECTION 07: HANDLING AND STORAGE

Handling Procedures:	Avoid static charges, sparks, flames and excessive heat. Keep containers tightly closed and upright when not in use. Do not allow contact with skin or eyes, and don't breathe vapors.
Storage Needs:	Store in a cool, dry place.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

Eye/Type:	Personnel should wear liquid chemical goggles or a full-face shield.
Respiratory/Type:	Personnel should wear a suitable air supplied respirator.
Gloves/Clothing/Footwear/Type:	Personnel should wear chemical-resistant clothing, gloves and footwear.
Other/Type:	A safety shower and eye wash facility should be available.
Ventilation Requirements:	Adequate ventilation must be assured to prevent the accumulation of dangerous amounts of vapor or mist.

MATERIAL SAFETY DATA SHEET

Product Name:	EX-2C COMPONENT B

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State (appearance):	Clear, slightly yellow liquid
Odor:	Solvent like
Density (g/ml):	0.964
VOC:	570 g/l 4.74 lbs/gal
Odor Threshold (ppm):	N/A
Vapor Pressure (20°C):	76 mm Hg
Vapor Density (Air=1):	Heavier than air
Evaporation Rate:	4.0
Boiling Point (°C):	77
pH:	N/A
Solubility in Water (% W/W):	N/A
Coefficient of Water/Oil Distribution:	N/A
Freezing Point (°C):	N/A

SECTION 10: STABILITY AND REACTIVITY

Incompatibility:	
Reactivity Conditions:	Reacts with water, alcohols, amines, and strong bases to give a variety of products, some gaseous. Both components and their mixture will react dangerously with oxidizing materials. If component B or the mixture comes into contact with any of the above materials, a potentially explosive mixture can form. Therefore, contaminated solutions must never be resealed in the can.
Hazardous Products of Decomposition:	

SECTION 11: REGULATORY INFORMATION

WHMIS:	B-2, B-3,D-1A, ,D-1A , D-2B

SECTION 12: DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of waste according to local, provincial and federal regulations. Utilize authorized centers for disposal of combustible chemical material.

SECTION 13: TRANSPORT INFORMATION

T.D.G. Classification:	Shipping name: Paint. UN 1263, Cl 3, PG II.

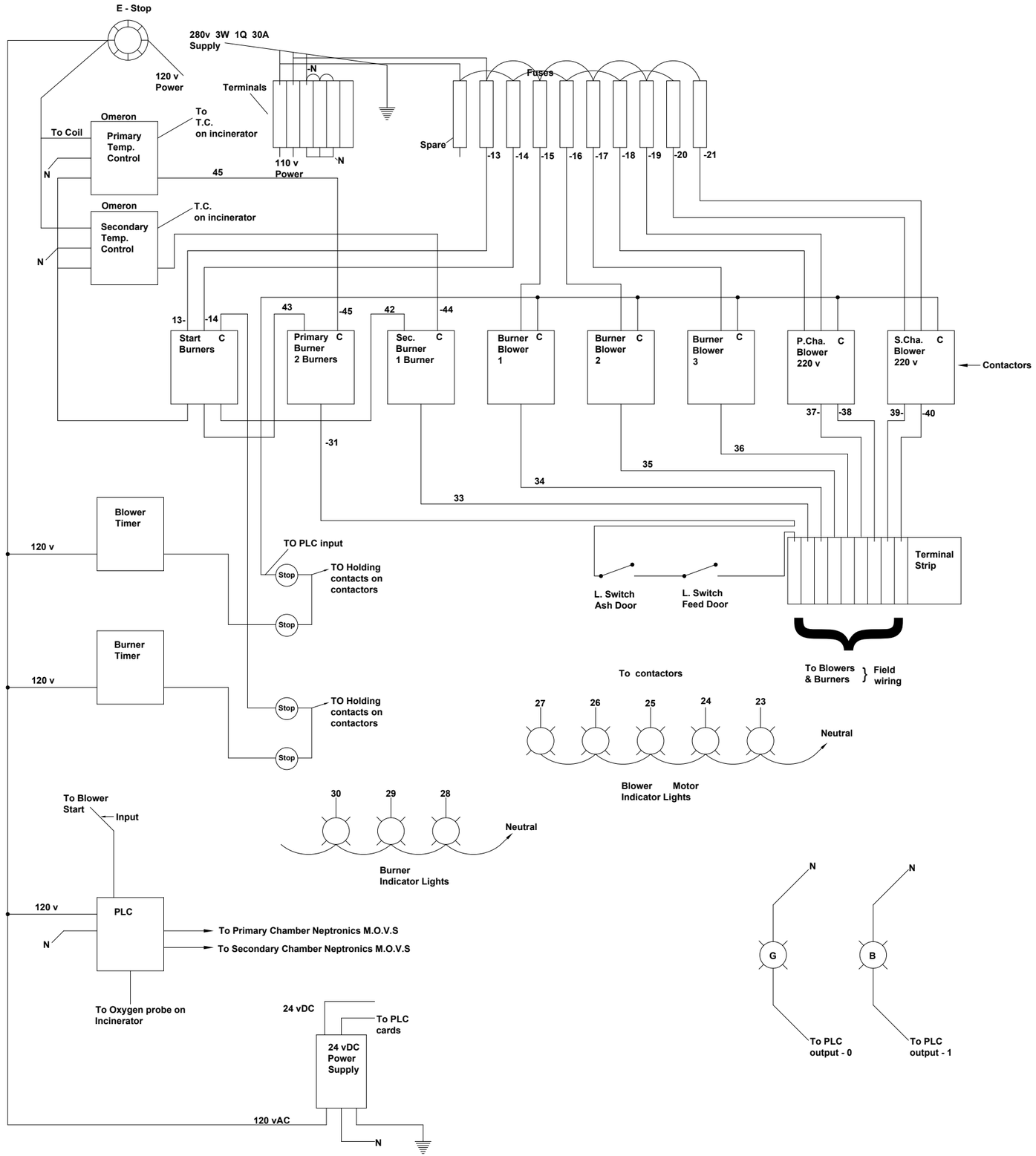
SECTION 14: OTHER INFORMATION

Note:	
Prepared By:	Technical Department
Revision Date:	June 8, 2007

Approved by Shop:

Date:_____

Signature:_____



WESTLAND ENVIRONMENTAL SERVICES INC.			
Model:	**Incinerator CY-100-CA-'D'-'O'**		
Date:	11-09-07	**Electrical Wiring Diagram**	
Drawn By:	YP		
Rev. :	Ø		
Scale:		**Dwg-No:**	9 - 3

Appendix E
Model CY-100 SOP Manual

STANDARD OPERATING PROCEDURE (SOP)

INCINERATOR

MODEL CY-100-CA-D-O

HISTORY OF SOP REVISIONS

Revision Number	Revision Date	Description of Revisions	Revised By	Approved By
0	June 2009	Initial issuance of Model CY-100-CA-D-O Standard Operating Procedure	SRK Consulting	

STANDARD OPERATING PROCEDURE
INCINERATOR
MODEL CY-100-CA-D-O

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1 Introduction

1.1 Purpose

This *Standard Operating Procedure – Incinerator Model CY-100-CA-D-O* has been developed to ensure the operation of the Westland Model CY-100-CA-D-O incinerator located at the Robert Bay site, Hope Bay Project is undertaken in a safe, environmentally responsible and efficient manner.

The objectives of managing and the appropriate incineration of wastes are numerous. Consistent with HBML's intent to be a responsible operator, these objectives are described as:

- Prevention of public health risks
- Protection of the operator(s)
- Protection of surface waters
- Protection of groundwaters
- Protection of lands
- Protection of local species
- Conservation of resources
- Compliance with regulatory and permit requirements

This Standard Operating Procedure has been developed to ensure that, to the maximum extent possible, these objectives are foremost in HBML'S operational approach to activities at the Hope Bay project.

1.2 Scope

This *Standard Operating Procedure – Incinerator Model CY-100-CA-D-O* applies to the management and operation of the Model CY-100-CA-D-O incinerator to ensure that the incinerator is operated in a manner that effectively and efficiently incinerates appropriate waste streams generated at the Hope Bay project. Wastes suitable for incineration generally include food wastes, paper wastes and unusable or waste wood.

1.3 Responsibilities

The Exploration Manager has overall responsibility for this SOP and will be the party to providing the resources necessary to operate and maintain the Westland Model CY-100-CA-D-O Incinerator.

The Exploration Site Superintendent will have site responsibility to provide the on-site resources to manage operate and maintain the incinerator in accordance with the manual; conduct regular inspections of the incinerators; and provide input on modifications in operational procedures to

improve operational performance of the facility. The Exploration Site Superintendent, through his foremen, will provide daily supervision to site operational personnel on the operation of the incinerator.

The site Environmental Coordinator has responsibility to regularly review and keep this Standard Operating Procedure up-to-date; provide technical expertise to the site operational personnel, reporting on the performance of the incinerator, residuals (ash) management; conduct annual audits of the waste management stream and incineration operations; and provide an annual audit report to the Exploration Site Superintendent and Exploration Manager.

1.4 Document Control

The site Environmental Coordinator will complete a review of this procedure at least once every three years; will update the document as required and submit the updated SOP for review and approval by the Exploration Site Superintendent.

2 Description of Model CY-100-CA-D-O Incinerator

The Westland Model CY-100-CA-D-O incinerator has a manufacturer's stated capacity of 100 kg/h using diesel as the auxiliary fuel. Figure 1, 2 and 3 provides an overview of major components of the Westland Model CY-100-CA-D-O incinerator. Appendix A provides a more detailed discussion of individual components, features and functions of the incinerator.

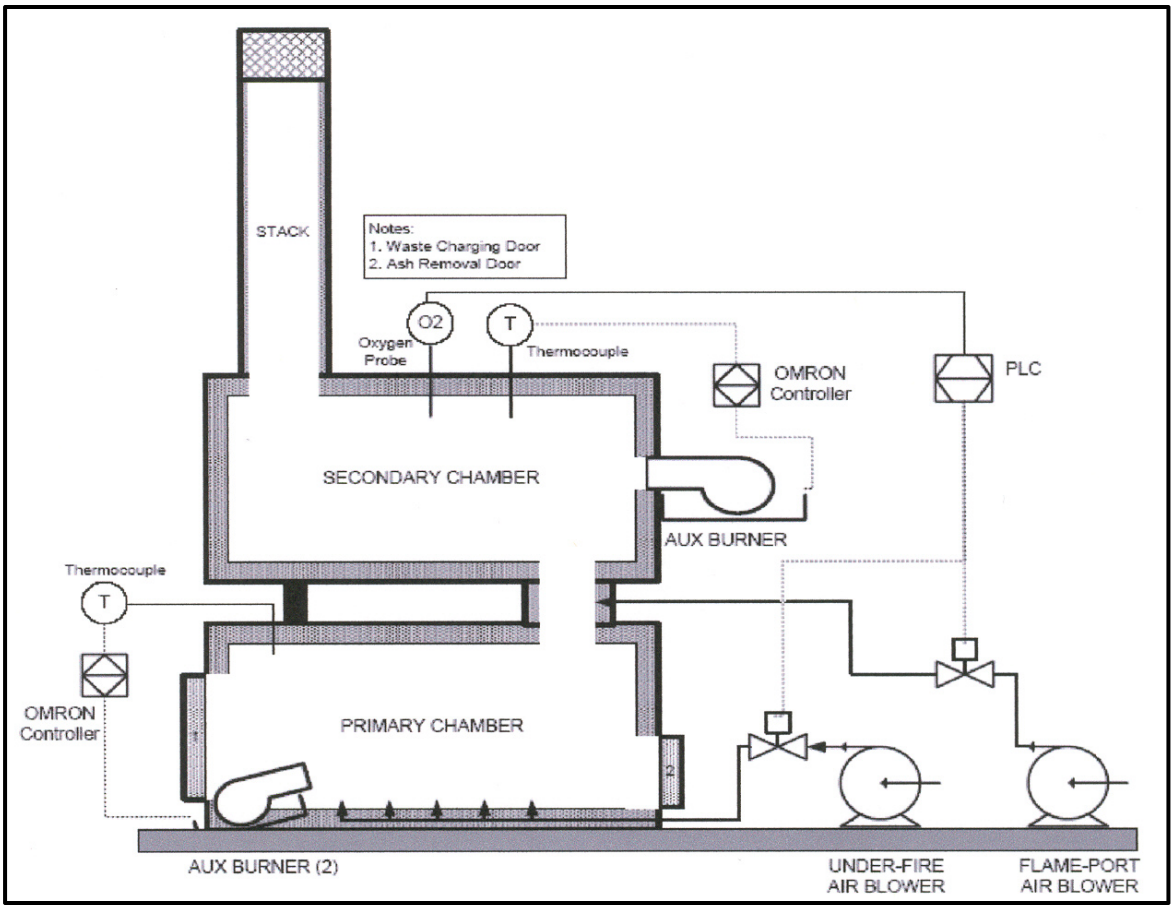

Figure 1: Schematic of Incineration System - Model CY-100-CA-D-O Incinerator