SAFETY DATA SHEET

DATE PRINTED	6/26/2017
SDS REF. No :	CC-346

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: POLYFLEX
Product Code: CC-346

Manufacturer
LANCO MFG.CORP.
URB. APONTE # 5

SAN LORENZO, PUERTO RICO, 00754
787-736-4221

24 HR. Emergency Telephone Number
CHEMTREC (US Transportation):1 (800)424-9300
CHEMTREC (International Transportation) : 1(703)527-3887

2. HAZARDS IDENTIFICATION

Classification (substance or mixture):
Category 2 Carcinogenicity
Category 1 Target organ Systemic Toxicity (single exposure)
Category 1 Target organ Systemic Toxicity (repeated exposure)

GHS Label Elements:

Signal Word: Danger

Hazard Statements:
H351 Suspected of causing cancer
H370 Causes damage to organs: sensory organs
H372 Causes damage to organs through prolonged or repeated exposure: nervous system
H373 May causes damage to organs through prolonged or repeated exposure: sensory organs

Precautionary Statement:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P405: Store locked up.
P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Urethane Polymer	15-40 %	Trade Secret*
Poly(Vinyl Chloride)Polymer	20-35%	9002-86-2
Plasticizer Mixture	10-30%	Trade Secret*
Calcium Oxide	1-5%	1305-78-8
Titanium Dioxide	<5%	13463-67-7
Xylene	<5%	1330-20-7
Ethylbenzene	<2%	100-41-4
Iron Oxide (Fe2O3)	<2%	1309-37-1
Iron Oxide (Fe3O4)	<2%	1317-61-9
Petroleum Distillate	<2%	64742-47-8
Carbon Black	<0.3%	1333-86-4

* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

4. FIRST AID MEASURES

Eyes: In case of eye contact, flush with large amount of water for at least 15 minutes. Get medical assistant.

Skin: Immediately wash skin with soap and plenty of water.
Get medical attention if irritation develops or persist.

Ingestion: Do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

Notes To Physician: Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media: In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

Unsuitable Extinguishing Media: High volume water jet media.

Specific Hazard In Case Of Fire: Closed containers may explode when exposed to extreme heat. Vapor may form explosive mixture with air. No unusual fire or explosion hazard noted. keep containers closed when not in use.

Special Protective Equipment And Precaution For Fire Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure build-up an possible auto-ignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental Precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Method And Materials For Containment And Cleaning Up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations.

7. HANDLING AND STORAGE

Precaution For Safe Handling: Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mist or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions For Safe Storage, Including Incompatibilities: Keep container tightly closed to prevent contamination with water or air. If contamination is suspected, do not reseal container. Store away from heat. Store away from amines.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

Exposure Limits

Components	CAS	Limits
Ethylbenzene	100-41-4	CMRG: TWA: 25 ppm; STEL: 75 ppm OSHA:TWA: 435mg/m^3(100 ppm) ACGIH: TWA: 20 ppm
Calcium Oxide	1305-78-8	ACGIH:TWA: 2 mg/m^3 OSHA:TWA: 5 mg/m^3
Rouge	1309-37-1	OSHA: TWA(as total dust): 15 mg/m^3; TWA(respirable fraction):5 mg/m^3
Iron Oxide(Fe2O3)	1309-37-1	ACGIH:TWA (respirable fraction):5 mg/m^3 OSHA: TWA(as fume): 10mg/m^3
Xylene	1330-20-7	ACGIH: TWA: 100 ppm: STEL: 150 ppm CMRG: TWA: 50 ppm: STEL: 75 ppm OSHA:TWA: 435 mg/m^3(100 ppm)
Carbon Black	1333-86-4	CMRG: TWA: 0.5 mg/m^3 OSHA: TWA:3.5 mg/m^3 ACGIH: TWA(inhalable fraction):3 mg/m^3
Titanium Dioxide	13463-67-7	ACGIH: TWA: 10 mg/m^3 CMRG: TWA(as respirable dust):5 mg/m^3 OSHA: TWA(as total dust): 15 mg/m^3
Petroleum Distillate	64742-47-8	CMRG: TWA: 165 ppm
Kerosine (petroleum)	64742-47-8	ACGIH:TWA(as total hydrocarbon vapor, non-aerosol):200 mg/m^3
Poly(Vinyl Chloride)Polymer	9002-86-2	ACGIH:TWA (respirable fraction): 1 mg/m^3

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such system are not effective wear suitable personal protective equipment, which performs satisfactorily and meet OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Personal Protective Equipment:

Respiratory Protection: No personal respiratory protective equipment normally required. In the case of vapour formation use a respirator with an approved filter.

Eyes Protection: Eye wash bottle with pure water. Tightly fitting safety goggles. Wear feca-shield and protective suit for abnormal processing problems.

Skin Protection: Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Work Hygienic Practices: Ensure shower and eyewash station are available. Use good personal hygiene practices. Wash hand before eating, drinking. Promptly remove soiled clothing and wash thoroughly before reuse.

Other Use Precautions: None

Comments: No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid

Color: Clear,Colorless

Flash Point And Method: Not available

Auto-Ignition Temperature: >=200 °C

Boiling Point/Range : >=136°C

Melting Point: Not available

Vapor Pressure: Not Applicable

Vapor Density: Not Applicable

Solubility in Water: Nil

Odor: Mild xylene odor

Upper /Lower Flammable Limits: Not Applicable

Relative Density (g/cm3): Not Applicable

Evaporation Rate: Not Applicable

Flammability (Solids, Gas): Not Classified

Partition Coefficient: Not Available

pH: Not applicable

Decomposition Temperature: Not available

Coating VOC (gm/l): Not applicable

Material VOC (gm/l): Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions.

Possibility Of Hazardous Reactions: No decomposition if stored and applied as directed.

Conditions To Avoid: Keep away from heat, flame, sparks and other ignition sources.

Materials To Avoid: Keep away from the following materials to prevent strong exothermic reaction: oxidizing agents, strong alkalis, strong acids.

Hazardous Decomposition Products: Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Signs And Symptoms Of Overexposure: No information available.

Acute Effects:

Eye Contact: Cause serious eyes irritation.

Skin Contact: Substance may cause slight skin irritation. Prolonged or repeated contact may cause skin irritation. Allergic reactions are possible.

Inhalation: Harmful if inhaled. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion: Aspiration hazard if swallowed; can enter lungs and cause damage. Harmful if swallowed.

Target Organ: No information available.

Chronic Effects: No information available.

Toxicity Values: The acute effects of this product have not been tested. Data on individual components are tabulated below.

TOXICOLOGICAL INFORMATION

Name	Route	Species	Value
Overall Product	Dermal	Not Available	ATE>5,000 mg/kg
	Inhalation-Vapor (4hrs)	Not Available	ATE>50 mg/l
	Ingestion	Not Available	>5,000 mg/kg
Urethane Polymer	Ingestion	Rat	LD50>5,000 mg/kg
Poly (Vinyl Chloride) Polymer	Dermal	Not Available	LD50 estimated to be > 5,000 mg/kg
	Ingestion	Not Available	LD50 estimated to be > 5,000 mg/kg
Plasticizer Mixture	Dermal	Rat	LD50>1,000 mg/kg
	Ingestion	Rat	LD50 >5,000 mg/kg
Xylene	Dermal	Rabbit	LD50>4,200 mg/kg
	Inhalation-Vapor(4 hrs)	Rat	LC50 29 mg/l
	Ingestion	Rat	LD50 3,523 mg/kg
Titanium Dioxide	Dermal	Rat	LC50>6.82 mg/l
	Inhalation Dust/Mist(4hrs)	Not Available	
	Ingestion	Rat	LD50>10,000 mg/kg
Calcium Oxide	Ingestion	Rat	LD50 >2,500 mg/kg
Petroleum Distillate	Dermal	Rabbit	LD50>3,160 mg/kg
	Inhalation Dust/Mist (4hrs)	Rat	LC50 > 3mg/l

	Ingestion	Rat	LD50>5,000 mg/kg
Iron Oxide (Fe3O4)	Dermal	Not Available	LD50 3,100 mg/kg
	Ingestion	Not Available	LD50 3,700 mg/kg
Ethylbenzene	Dermal	Rabbit	LD50 15,433 mg/kg
	Inhalation Vapor(4hrs)	Rat	LC50 17.4 mg/l
	Ingestion	Rat	LD50 4,769 mg/kg
Iron Oxide (Fe2O3)	Dermal	Not Available	LD50 3,100 mg/kg
	Ingestion	Not Available	LD50 3,700 mg/kg
Carbon Black	Dermal	Rabbit	LD50 >3,000 mg/kg
	Ingestion	Rat	LD50>8,000 mg/kg

CARCINOGENICITY: The information below indicates whether each agency has listed any ingredient as a carcinogen:

Components	CAS	Carcinogen (IARC)
Carbon Black	1333-86-4	2B: Possible Human Carcinogen
Ethylbenzene	100-41-4	2B: Possible Human Carcinogen
Titanium Dioxide	13463-67-7	2B: Possible Human Carcinogen

12. ECOLOGICAL INFORMATION

Persistence And Degradability: No information available.

Bio-Accumulative Potential: No information available.

Mobility In Soil: No information available.

Other Adverse Effects: No information available.

Eco-toxicological Other Information: No information available.

ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Disposal Method: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and /or state and local guidelines.

14. TRANSPORT INFORMATION

	DOT	IMDG	AIR (IATA)
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	Not regulated	Not regulated	Not regulated
Hazard Class	Not regulated	Not regulated	Not regulated
Packing Group	Not regulated	Not regulated	Not regulated
Environmental Hazard	Not regulated	Not regulated	Not regulated
Marine Pollutant (Y/N)	No	No	No

15. REGULATORY INFORMATION

U.S. Regulations:
U.S. SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 Hazard Categories: Hazardous Information
Fire: No **Pressure Generating:** No
Reactivity: No **Acute:** Yes **Chronic:** Yes
313 Reportable Ingredients: This product contains a chemical or chemicals which are subject to the reporting requirements of section 313 of title 40 CFR 372.

313 REPORTABLE INGREDIENTS

Chemical Name	Weight %	CAS
Xylene	<5	1330-20-7
Xylene(Benzene, 1,2-dimethyl-)	<5	1330-20-7
Xylene(Benzene, 1,3-dimethyl-)	<5	1330-20-7
Xylene(Benzene, 1,4-dimethyl-)	<5	1330-20-7
Xylene(Benzene, dimethyl-)	<5	1330-20-7
Ethylbenzene	<2	100-41-4

302/304 Emergency Planning:

Emergency Plan: No

State Regulations: No

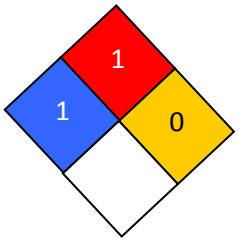
Other Govt. Regulations: No

16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	1
Reactivity :	0
Personal Protection :	H

*= Chronic

NFPA CODES



DATE CREATED	06-18-15

Revision Indicator: None

Manufacturer Disclaimer: The information contained herein is based on data believed by this company to be accurate, but we do not assume any liability for its accuracy. We neither suggest nor guaranteed that any hazards mentioned are the only ones which exist. The manner in which it is used and whether there is any infringement of patents is the sole responsibility of the user.