



PETTIT PAINT

MATERIAL SAFETY DATA SHEET

Supplier:	Kop-Coat, Inc. Marine Group 36 Pine Street Rockaway, NJ 07866	EMERGENCIES: Health/spills:.....: Chemtrec Assistance.....: Chemtrec Outside USA.....:	800-548-0489 800-424-9300 703-527-3887
		Kop-Coat, Inc. Product Information.....: Outside USA.....:	800-221-4466 973-625-3100

1. Product Information

Product name	Splash Zone EZ Fair 7050 Epoxy Fairing Compound - Part A
Product code	1700008\1

Issuing date: 12/29/2011 **Contact person:** Environmental Health & Safety Mgr

2. Hazards identification

Emergency Overview

Appearance: Colored Paste **Odor:** Little to no Odor

Hazards: WARNING!
May cause eye and skin irritation. May cause allergic skin reaction.

Potential health effects

Primary Routes of Entry: Eye contact, ingestion, skin contact, inhalation, and absorption.

Eye contact:

May cause moderate eye irritation. Symptoms may include stinging, tearing, redness and swelling of eyes. Not expected to cause permanent damage if promptly rinsed from eyes.

Ingestion:

May cause gastrointestinal distress. Symptoms may include irritation to the mouth, throat and stomach and gastrointestinal disturbances such as nausea, vomiting or diarrhea.

Skin contact:

May cause skin irritation. Symptoms may include dryness, itching, burning sensation, redness, cracking and swelling depending on the extent of exposure. May cause allergic skin reactions in susceptible individuals, which becomes evident upon reexposure to this material.

Inhalation:

May cause irritation to the nose, throat and respiratory tract.

Chronic effects:

Prolonged or repeated dermal exposure to this product can cause skin dermatitis characterized by red, dry, scaly skin.

Target Organs: Not Determined

This product does not contain carcinogens or potential carcinogens as listed by IARC or NTP.

3. Composition/information on ingredients

Chemical Name	CAS-No.	Weight %	Carc
Phenoxy resin (Epoxy Resin)	25068-38-6	70 - 100	
Alkylglycidyl ether	68081-84-5	30 - 50	

4. FIRST AID MEASURES

Eye contact:

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Take care not to rinse contaminated water into the unaffected eye or onto the face. Call poison control center, hospital emergency room, or physician immediately.

Ingestion:

NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Have victim drink 2 to 8 oz. (60 to 240 mL) of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Have victim rinse mouth with water again. Immediately obtain medical advice.

Skin contact:

As quickly as possible, remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately wash with lukewarm, gently flowing water and non-abrasive soap for 15-20 minutes. Immediately obtain medical advice. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

Inhalation:

Remove to fresh air. If not breathing, administer CPR until help arrives or the victim starts to breathe on his own. If breathing is difficult, give oxygen. Call poison control center, hospital emergency room, or physician immediately. Keep victim quiet and warm until emergency help arrives.

Note to Physician :

There is no specific antidote for effects from overexposure to this material. Treatment should be directed at the control of symptoms and the clinical condition.

5. FIRE-FIGHTING MEASURES

Flash point > 300 deg F/ > 149 deg C

Extinguishing media:

Use water spray or fog, foam, dry chemical or carbon dioxide.

Hazardous combustion products:

See Section 10 for potential decomposition products.

Protective equipment and precautions for firefighters:

Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as

possible. Fire fighters should be protected from potential explosion hazards while extinguishing the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited.

6. ACCIDENTAL RELEASE MEASURES

Personal & Environmental Precautions:

Follow personal protective equipment recommendations found in Section 8. Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.

Methods of Containment & Clean-up and Other Information:

This product, if released in large enough quantities, may need to be reported to the US Coast Guard National Response Center at 1-800-424-8802. Contain spills with dikes and absorbents (sand, earth, dry chemical absorbent) to prevent migration and entry into waterways.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin or clothing. Avoid inhalation (vapor, mist, dust or fume, as applicable). Use only with adequate ventilation. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

Storage:

Keep containers closed when not in use. Store in cool, well ventilated space away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS-No.	Z-1 PEL	Z-2 PEL	ACGIH TLV
Phenoxy resin (Epoxy Resin)	25068-38-6			
Alkylglycidyl ether	68081-84-5			

Engineering measures:

Use adequate ventilation to maintain airborne concentrations at levels below permissible or recommended occupational exposure limits. Supplementary local exhaust ventilation may be necessary in poorly ventilated spaces, during spraying, heating or other non-routine activities.

Eye/face protection:

Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.

Skin protection:

Chemical-resistant, flexible-type gloves (Viton(R), neoprene, nitrile or equal) to prevent contact. Gloves should be rinsed and removed immediately after use. Wash hands after removing gloves. Wear chemical-resistant clothing (e.g. apron, pants, coveralls) and safety footwear as appropriate.

Respiratory protection:

Respiratory protection may be necessary under certain use conditions. Under such conditions, an appropriate, properly fitted NIOSH-approved respirator must be worn. If respirators are used, a program should be instituted to assure compliance with 29 CFR 1910.34 and 42 CFR 84.

General hygiene considerations:

Facilities utilizing this material should be equipped with an eyewash station and safety shower. Thoroughly clean shoes and wash contaminated clothes before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Paste
Appearance:	Colored Paste
Odor	Little to no Odor
pH	Not applicable.
Boiling point	not determined
Flash point	> 300 deg F/ > 149 deg C
Solubility in water:	Negligible
Specific Gravity:	0.85
Weight per gallon (LB/GAL) :	9.8
Evaporation rate (n-Butyl acetate = 1):	< 1
Volatile by Weight (including water and exempt compounds) (%):	0.0
Volatile Organic Content (VOC):	0 g/L

10. STABILITY AND REACTIVITY

Stability:

Hazardous polymerization will not occur by itself. Masses of more than one pound of epoxy resin product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up.

Incompatibility:

Oxidizing and reducing agents.

Hazardous decomposition products:

Carbon monoxide, carbon dioxide, oxides of nitrogen and other toxic organic compounds.

11. TOXICOLOGICAL INFORMATION

Toxicological evaluation of this product as a whole has not been performed.

12. ECOLOGICAL INFORMATION

This product contains a component that is toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

Transportation: This product is not regulated by the U.S. Department of Transportation (DOT), International Civil Aviation Organization (ICAO), the Canadian Transportation of Dangerous Goods (TDG) Act, or the International Maritime Organization (IMO).

By Ground:

DOT Hazard Class:
DOT Proper Shipping Name: Not regulated
DOT Packing Group:
DOT UN Number:

By Air:

IATA Hazard Class:
IATA Proper Shipping Name: Not regulated
IATA Packing Group:
IATA UN Number:

By Sea:

IMDG Hazard Class: Not regulated
IMDG Proper Shipping Name:
IMDG Packing Group:
IMDG UN Number:

15. REGULATORY INFORMATION

EPA registration number: Not applicable.

Pest Registration Act number: Not applicable.

Other:

Not applicable.

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>TSCA 12B</u>	<u>SARA 313</u>	<u>TSCA</u>	<u>DSL</u>	<u>EINECS</u>	<u>Prop.65</u>	<u>Whmis</u>
Phenoxy resin (Epoxy Resin)	25068-38-6			*	*			
Alkylglycidyl ether	68081-84-5			*	*			

16. OTHER INFORMATION

HMIS Health: 2* **HMIS Flammability: 1** **HMIS Physical Hazard: 0**

NFPA Health: 2 **NFPA Flammability: 1** **NFPA Instability/Reactivity: 0**

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Key:

ACGIH	American Conference of Governmental Industrial Hygienists
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CAS	Chemical Abstract Service Registry Number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLA RQ	CERCLA Reportable Quantity
CFR	Code of Federal Regulations
CPR	Cardiopulmonary resuscitation
DSL	Domestic Substances List of Canada
EINECS	European Inventory of Existing Chemical Substances
EPCRA	Emergency Planning and Community Right-to-know Act
EPCRA EHS	EPCRA Extremely Hazardous Substance
EPCRA TPQ	EPCRA Threshold Planning Quantity
oF	Fahrenheit degrees
g/l	Grams per liter
gal	Gallons
Group A3	Carcinogen Category - Confirmed Animal Carcinogen with Unknown Relevance to Humans
Group A4	Carcinogen Category - Not Classifiable as a Human Carcinogen
HMIS	Hazardous Materials Identification System - Chemical Rating
IARC	International Agency for Research on Cancer
lbs or LBS	Pounds
MGM3	Milligrams per cubic meter
MIR	Maximum Incremental Reactivity
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PPM	Parts per million
Proposition 65	California's Safe Drinking Water and Toxic Enforcement Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
VOL	Volume
WT	Weight
WHMIS	Canadian Workplace Hazardous Materials Information System
UN	United Nations

ANSI KC 1.74



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		Kop-Coat, Inc. Product Information.....: Outside USA.....:	800-221-4466 973-625-3100

1. Product Information

Product name	Splash Zone EZ Fair 7050 - Epoxy Fairing Compound - Part B - Catalyst
Product code	1700110\1

Issuing date: 12/29/2011 **Contact person:** Environmental Health & Safety Mgr

2. Hazards identification

Emergency Overview

Appearance: Off-White Paste **Odor:** Ammonia-like Odor

Hazards: DANGER!
Causes eye and skin burns and lung irritation. May cause allergic skin reaction.

Potential health effects

Primary Routes of Entry: Eye contact, ingestion, skin contact, inhalation, and absorption.

Eye contact:

Corrosive to eyes! May cause severe eye damage including blindness. Extent of permanent damage depends upon the length of exposure, solution concentration and first aid measures.

Ingestion:

May cause severe irritation and burns to the mouth, throat and stomach. May cause vomiting, diarrhea and depressed respiration. Aspiration of this product into the lungs during ingestion, gagging or vomiting may cause lung damage, which can be fatal.

Skin contact:

May cause severe skin irritation and/or skin damage depending upon extent of exposure; signs and symptoms may include blistering, burns and/or possible scarring. Symptoms may include dryness, itching, burning sensation, redness, cracking and swelling depending on the extent of exposure. May cause allergic skin reactions in susceptible

individuals, which becomes evident upon reexposure to this material.

Inhalation:

Irritating to the respiratory tract. Inhalation of mist may cause severe irritation to the nose, throat and respiratory tract. Symptoms may include burning sensation, coughing, and wheezing. Prolonged inhalation of mists may be harmful or fatal.

Chronic effects:

Prolonged or repeated dermal exposure to this product can cause skin dermatitis characterized by red, dry, scaly skin.

Target Organs: Not Determined

This product does not contain carcinogens or potential carcinogens as listed by IARC or NTP.

3. Composition/information on ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight %</u>	<u>Carc</u>
Alkyl Phenols	Proprietary	50 - 70	
Alkyl amine	Proprietary	50 - 70	

4. FIRST AID MEASURES

Eye contact:

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Take care not to rinse contaminated water into the unaffected eye or onto the face. Call poison control center, hospital emergency room, or physician immediately.

Ingestion:

NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Have victim drink 2 to 8 oz. (60 to 240 mL) of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Have victim rinse mouth with water again. Immediately obtain medical advice.

Skin contact:

As quickly as possible, remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately wash with lukewarm, gently flowing water and non-abrasive soap for 15-20 minutes. Immediately obtain medical advice. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

Inhalation:

Remove to fresh air. If not breathing, administer CPR until help arrives or the victim starts to breathe on his own. If breathing is difficult, give oxygen. Call poison control center, hospital emergency room, or physician immediately. Keep victim quiet and warm until emergency help arrives.

Note to Physician :

There is no specific antidote for effects from overexposure to this material. Treatment should be directed at the control of symptoms and the clinical condition.

5. FIRE-FIGHTING MEASURES

Flash point >250 deg F/ >121 deg C

Extinguishing media:

Use water spray or fog, foam, dry chemical or carbon dioxide.

Hazardous combustion products:

See Section 10 for potential decomposition products.

Protective equipment and precautions for firefighters:

Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazards while extinguishing the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited.

6. ACCIDENTAL RELEASE MEASURES

Personal & Environmental Precautions:

Follow personal protective equipment recommendations found in Section 8. Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.

Methods of Containment & Clean-up and Other Information:

This product, if released in large enough quantities, may need to be reported to the US Coast Guard National Response Center at 1-800-424-8802. Contain spills with dikes and absorbents (sand, earth, dry chemical absorbent) to prevent migration and entry into waterways.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin or clothing. Avoid inhalation (vapor, mist, dust or fume, as applicable). Use only with adequate ventilation. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

Storage:

Keep containers closed when not in use. Store in cool, well ventilated space away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Z-1 PEL</u>	<u>Z-2 PEL</u>	<u>ACGIH TLV</u>
Alkyl Phenols	Proprietary			
Alkyl amine	Proprietary			

Engineering measures:

Use adequate ventilation to maintain airborne concentrations at levels below permissible or recommended occupational exposure limits. Supplementary local exhaust ventilation may be necessary in poorly ventilated spaces, during spraying, heating or other non-routine activities.

Eye/face protection:

Wear industrial safety goggles, and faceshield, as necessary, when working with the concentrate.

Skin protection:

Chemical-resistant, flexible-type gloves (Viton(R), neoprene, nitrile or equal) to prevent contact. Gloves should be rinsed and removed immediately after use. Wash hands after removing gloves. Wear chemical-resistant clothing (e.g. apron, pants, coveralls) and safety footwear as appropriate.

Respiratory protection:

Respiratory protection may be necessary under certain use conditions. Under such conditions, an appropriate, properly fitted NIOSH-approved respirator must be worn. If respirators are used, a program should be instituted to assure compliance with 29 CFR 1910.34 and 42 CFR 84.

General hygiene considerations:

Facilities utilizing this material should be equipped with an eyewash station and safety shower. Thoroughly clean shoes and wash contaminated clothes before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Paste
Appearance:	Off-White Paste
Odor	Ammonia-like Odor
pH	Not applicable.
Boiling point	not determined
Flash point	>250 deg F/ >121 deg C
Solubility in water:	Negligible
Specific Gravity:	7.5
Weight per gallon (LB/GAL) :	11.1
Evaporation rate (n-Butyl acetate = 1):	< 1
Volatile by Weight (including water and exempt compounds) (%):	0.0
Volatile Organic Content (VOC):	0 g/L

10. STABILITY AND REACTIVITY

Stability:

Hazardous polymerization will not occur by itself. Masses of more than one pound of epoxy resin product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up.

Incompatibility:

Oxidizing and reducing agents.

Hazardous decomposition products:

Carbon monoxide, carbon dioxide, oxides of nitrogen and other toxic organic compounds.

11. TOXICOLOGICAL INFORMATION

Toxicological evaluation of this product as a whole has not been performed.

12. ECOLOGICAL INFORMATION

This product contains a component that is toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state,

and federal regulations.

14. TRANSPORT INFORMATION

Transportation: This product may be reclassified as Consumer Commodity, ORM-D, when shipped by ground; packaging quantity limitations apply.

By Ground:

DOT Hazard Class: 8

DOT Proper Shipping Name: Amines, liquid, corrosive, nos, (Ethylene Amine)

DOT Packing Group: III

DOT UN Number: UN2735

By Air:

IATA Hazard Class: 8

IATA Proper Shipping Name: Amines, liquid, corrosive, nos, (Ethylene Amine)

IATA Packing Group: III

IATA UN Number: UN2735

By Sea:

IMDG Hazard Class: 8

IMDG Proper Shipping Name: Amines, liquid, corrosive, nos, (Ethylene Amine)

IMDG Packing Group: III

IMDG UN Number: UN2735

15. REGULATORY INFORMATION

EPA registration number: Not applicable.

Pest Registration Act number: Not applicable.

Other:
Not applicable.

Chemical Name	CAS-No.	TSCA 12B	SARA 313	TSCA	DSL	EINECS	Prop 65	Whmis
Alkyl amine	Proprietary			*	*	*		
Alkyl Phenols	Proprietary							

16. OTHER INFORMATION

HMIS Health: 3* **HMIS Flammability: 1** **HMIS Physical Hazard: 0**

NFPA Health: 3 **NFPA Flammability: 1** **NFPA Instability/Reactivity: 0**

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Key:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service Registry Number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLA RQ	CERCLA Reportable Quantity
CFR	Code of Federal Regulations
CPR	Cardiopulmonary resuscitation
DSL	Domestic Substances List of Canada
EINECS	European Inventory of Existing Chemical Substances
EPCRA	Emergency Planning and Community Right-to-know Act
EPCRA EHS	EPCRA Extremely Hazardous Substance
EPCRA TPQ	EPCRA Threshold Planning Quantity
oF	Fahrenheit degrees
g/l	Grams per liter
gal	Gallons
Group A3	Carcinogen Category - Confirmed Animal Carcinogen with Unknown Relevance to Humans
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HMIS	Hazardous Materials Identification System - Chemical Rating
IARC	International Agency for Research on Cancer
lbs or LBS	Pounds
MGM3	Milligrams per cubic meter
MIR	Maximum Incremental Reactivity
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PPM	Parts per million
Proposition 65	California's Safe Drinking Water and Toxic Enforcement Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
VOL	Volume
WT	Weight
WHMIS	Canadian Workplace Hazardous Materials Information System
UN	United Nations

ANSI KC 1.74