

SAFETY DATA SHEET

Section 1: Manufacturer's Identification

Product Name: PC II ACTIVATOR Product Code: Q4-1011

Trade Name: PC II ACTIVATOR

Manufacturer's Name: Induron Protective Coatings, LLC
Address: 3333 Richard Arrington Blvd. N.
Birmingham, Alabama 35234

Emergency Phone: 1-800-424-9300
Information Phone: (205)324-9584

Section 2: Hazards Identification

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Skin corrosive	1C	Destruction of dermal tissue: Exposure < 4 hours Observation < 14 days, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity ≥ 3 , Iritis > 1.5
Skin sensitizer	1	Skin sensitizer

GHS Hazards

H226	Flammable liquid and vapour.
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash equipment and contaminated skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P310	Immediately call a POISON CENTER or doctor/physician
P321	Wash contaminated skin, follow Physician's instructions for treatment.
P363	Wash contaminated clothing before reuse
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P370+P378	In case of fire: Use CO ₂ , water spray, foam, or dry chemical to extinguish.

P405
P403+P235
P501

Store locked up
Store in a well ventilated place. Keep cool
Dispose of contents/container in accordance to appropriate regulations and laws.

Signal Word: Danger



Section 3 : Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Fatty acid polyamide	68410-23-1	56.00%
Benzyl alcohol	100-51-6	25.00%
ISOBUTANOL	78-83-1	16.00%
Araldite hardener HY 951	112-24-3	3.00%

(1) Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity ≥ 3 , Iritis > 1.5

Section 4: First Aid Measures

Remove to fresh air, seek medical attention.
Immediately flush eyes with water for at least 15 min. Seek medical attention.
Immediately washes with soap and water. Remove contaminated clothing and laundry before reuse. Destroy contaminated shoes. Seek medical attention.
Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to unconscious personnel. Seek immediate medical attention.
Allergies, eczema, or skin conditions can be aggravated by this product.

Section 5: Fire Fighting Measure:

Flash Point: 28 C (82 F)
LEL: 1.0% UEL: 13.0%

Carbon dioxide, foam, dry chemical, water spray.

Decomposition and combustion products may be toxic

Self contained breathing apparatus

Section 6: Accidental Release Measures

Absorb onto sand or other absorbent material. Shovel into closed container for disposal. Flush contaminated area with water.

Section 7: Handling and Storage

Causes severe eye irritation and may cause eye burns. Can cause skin irritation.
May be harmful if swallowed. Avoid vapor or mist. Avoid skin contact. Wash thoroughly after handling.. Overexposure can have effects on nervous system.
Store in closed containers.

Section 8: Exposure Controls/ Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
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Fatty acid polyamide 68410-23-1	Not Established	Not Established	Not Established
Benzyl alcohol 100-51-6	Not Established	Not Established	Not Established
ISOBUTANOL 78-83-1	100 ppm TWA; 300 mg/m3 TWA	50 ppm TWA	NIOSH: 50 ppm TWA; 150 mg/m3 TWA
Araldite hardener HY 951 112-24-3	Not Established	Not Established	Not Established

Good general mechanical ventilation and local exhaust.

Assure personnel safety training.

Wear protective equipment to prevent exposure and personal contact.

Wear impervious gloves

Use NIOSH approved vapor respirator if required.

Wear splash proof goggles.

Wash cloths before reuse. Dispose of contaminated shoes.

Section 9: Physical and Chemical Properties

<p>Evaporation rate: NA</p> <p>Autoignition temperature: NA</p> <p>Coating VOC Lb/Gal 1.29</p> <p>Appearance: Taupe</p> <p>VAPOR PRESURE NA</p> <p>Vapor Density: NA</p> <p>DENSITY 8.15</p> <p>Freezing point: NA</p> <p>Boiling range: 137C</p> <p>Flammability: NA</p>	<p>Partition coefficient (n- NA octanol/water):</p> <p>Decomposition temperature: NA</p> <p>Viscosity: NA</p> <p>Odor: E</p> <p>Odor threshold: NO DATA</p> <p>pH: NA</p> <p>Melting point: NA</p> <p>Solubility: NA</p> <p>Flash point: 82°F,28°C</p> <p>Explosive Limits: NA</p>
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Section 10: Stability and Reactivity

These materials are stable. Under normal conditions of storage and use hazardous reactions or polymerization will not occur. Avoid all source of ignitions, sparks or flames. Do not allow vapor to accumulate in low lying areas.

STABLE

Do not expose to strong oxidizing agents or strong acids.

Under normal use, no hazardous decomposition products are produced.

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 2,547mg/kg

Dermal Toxicity LD50: 3,017mg/kg

Inhalation Toxicity LC50: 27mg/L

Routes of Entry:

Exposure to this material may affect the following organs:

Eyes Central Nervous System Skin Respiratory System

Effects of Overexposure

CAS Number Description % Weight Carcinogen Rating

Section 12: Ecological Information

None available.

Component Ecotoxicity

Benzyl alcohol	96 Hr LC50 Pimephales promelas: 460 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 10 mg/L [static] 48 Hr EC50 water flea: 23 mg/L
ISOBUTANOL	96 Hr LC50 Pimephales promelas: 1370 - 1670 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 375 mg/L [static] (fry); 96 Hr LC50 Lepomis macrochirus: 1480 - 1730 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1120 - 1520 mg/L [flow-through] 48 Hr EC50 Daphnia magna: 1300 mg/L; 48 Hr EC50 Daphnia magna: 1070 - 1933 mg/L [Static]
Araldite hardener HY 951	96 Hr LC50 Poecilia reticulata: 570 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 495 mg/L 48 Hr EC50 Daphnia magna: 31.1 mg/L 72 Hr EC50 Desmodesmus subspicatus: 2.5 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 20 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 3.7 mg/L

Section 13: Disposal Considerations

Dispose in accordance with federal, state, and local regulations.

Section 14: Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	PAINT	1263	III	3
IATA	PAINT	1263	III	3

Section 15: Regulatory Information

All components are in compliance with TSCA inventory listing or are exempt.

Country Regulation All Components Listed

EU Risk Phrases

Safety Phrase

- None

Section 16: Other Information

HMIS and NAFTA rating are on a 0 to 4 rating scale with 0 minimal hazard, and 4 represent significant danger or hazard.

Hazardous Material Information System (HMIS)

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		H

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

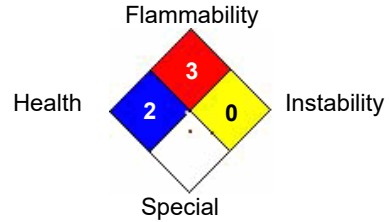
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



The information provided herein was believed by Induron Protective Coating to be accurate and reliable, but the user is responsible to comply with all laws and procedures whether included or not. Induron makes no warranty expressed or implied concerning the accuracy of the information except the product will comply with Induron specifications.

Reviewer Revision

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