

Retro-Coat™ SEALER, Part A
Material Safety Data Sheet (MSDS)

Last Revised: July 14, 2016

Section 1 – Supplier Information and Material Identification

Supplier:



1011 Calle Sombra
San Clemente, CA 92673
Telephone: 949.366.8000
Fax: 949.366.8090
E-mail: info@regenesi.com

Trade Name: Retro-Coat™ SEALER, Part A

Product Use: Epoxy Resin

Section 2 – Hazardous Chemical Information

<u>CAS No.</u>	<u>Chemical</u>	<u>Percentage</u>
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Section 3 – Physical Data

Form:	Liquid
Color:	Amber
Odor:	Faint epoxy
Flammability/Flash Point:	420°F (Pensky Martens Closed Cup)
Bulk Density (lbs/gal):	9.5
Viscosity (cps):	Moderate viscosity
Percent Volatiles	0 @ 77°F

Specific Gravity 1-14 @ 77°F

Section 4 – Reactivity Data

Stability: Stable under normal storage conditions

Conditions to Avoid/Incompatibility: Avoid contact with strong oxidizing agents, mineral acids (e.g H₂SO₄, HCL), and epoxy resins under uncontrolled conditions.

Hazardous Decomposition Products: Mainly phenolics, CO and H₂O; hence, thermal decomposition products should be treated as potentially hazardous substances.

Polymerization

Section 5 – Regulations

WHMSIS Classification: D2B – skin sensitizer

Section 6 – Protective Measures, Storage and Handling

Storage:

Handling:

Other Precautions:

1. Prevent all skin and eye contact.
2. Re-seal part used containers.
3. Ensure that all containers are properly labeled to prevent accidental ingestion.
4. Wash with soap and water before eating, drinking, smoking or using toilet facilities.
5. Observe conditions of good industrial hygiene and safe working practice.

Ventilation Requirements:

Local

Respiratory Protection:

No respiratory protection should be needed.

Eye Protection:

Splash proof goggles or safety spectacles with side shields.

Skin Protection:

Impervious gloves, neoprene or rubber. Clean, body-covering clothing. Further safety equipment (apron, footwear, etc.) should be used as necessary to prevent contact with material.

Protection Against Fire &

Explosion:

Section 7 – Hazards Identification

Potential Health Effects**Inhalation:**

Unlikely due to absence of vapors.

Eye Contact:

May cause temporary eye irritation. Corneal injury unlikely.

Skin Contact:

Prolonged exposure not likely to cause significant skin irritation. Repeated exposure may cause skin irritation. Has caused allergic skin reactions in humans. A single prolonged exposure is not likely to result in material being absorbed into skin.

Ingestion:

Single dose oral toxicity is extremely low. No hazards anticipated from swallowing small amounts incidental to normal handling.

Section 8 – Measures in Case of Accidents and Fire

After Spillage/Leakage:

Avoid contact with material. Persons not wearing appropriate protective equipment (see below) should be excluded from the area of spill until clean-up is complete. Stop spill at source, dike area to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on clay, diatomaceous earth or other absorbent and shoveled into disposal containers.

Extinguishing Media:

Foam, Dry Chemical, Carbon Dioxide (CO₂). Use water spray to cool fire-exposed containers until fire is out. Wear positive pressure, self-contained breathing apparatus and full protective equipment.

First Aid**Eye Contact:**

Immediately flush with large amounts of water for at least 15 minutes lifting upper and lower lids occasionally. **GET IMMEDIATE MEDICAL ATTENTION.** If a physician is not immediately available, continue flushing with water.

Inhalation:

Remove to fresh air if effects occur and administer oxygen if necessary. **GET MEDICAL ATTENTION** if effects persist.

Ingestion:

Get medical attention immediately. Induce vomiting immediately by depressing back of tongue or drinking copious quantities of salt water.

Skin Contact:

Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. **GET MEDICAL ATTENTION** if swelling or reddening occurs.

Section 9 – Accidental Release Measures

Don proper PPE and avoid contact with material spill. Soak up with absorbent material such as sand and collect in suitable containers.

Section 10 – Information on Toxicology

Toxicity Data

NA

Section 11 – Information on Ecology

Not Applicable

Section 12 – Disposal Considerations

Waste Disposal Method: This product, if disposed as shipped, is not a hazardous waste as specified on 40CFR 261. Controlled incineration or buried landfill disposal should be in accordance with all Federal, State, and Local regulations.

Section 13 – Shipping/Transport Information

D.O.T. Shipping Name: Chemical, NOIBN; not regulated for transport.
UN Number:
D.O.T. Hazard Classification:
Labels:
Packaging Group:

Section 14 – Other Information

NFPA	Health –	Reactivity –
	Flammability –	Special -

Section 15 – Further Information

The information contained in this document is the best available to the supplier at the time of writing, but is provided without warranty of any kind. Some possible hazards have been determined by analogy to similar classes of material. The items in this document are subject to change and clarification as more information become available. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.