

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCTS/ IDENTIFICATION OF SUBSTANCE

PRODUCT NAME : Seabond AcquaSil 7100WB
PRODUCT CODE : 7100 WB
PRODUCT TYPE : Epoxy Water Based Paint

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE CHEMICAL FAMILY : epoxy resins + water

3. HAZARDS IDENTIFICATION

No known hazards

4. FIRST AIDE MEASURES

INHALATION

Move applicator to fresh air

SKIN CONTACT

Wash in soap and water and rinse with water.

Take off all contaminated clothing.

EYE CONTACT

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Never use solvent.

If irritation continues, see an ophthalmologist.

INGESTION

Give lukewarm water to drink. Do not induce vomiting.

Do not make the victim drink milk or fatty fluids.

If swallowed, seek immediate advice and show container or label to the doctor

PROTECTION OF FIRST AIDERS

NOTE TO PHYSICIAN

OTHERS

Call a doctor in case of doubt or if symptoms persist.

If unconscious, place in recovery position and seek medical advice.

5. SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS

Product is non flammable

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid inhaling vapors when not cured.

Workplace ventilation.

SPECIAL PROTECTIVE MEASURES

Water protective equipment.

Refer to protective measures listed in sections 7 and 8.

ENVIRONMENTAL PRECAUTIONS

Discharge in sewer prohibited.

Absorb with inert material (vermiculate, sand) and collect in closed containers.

If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

METHOD OF CLEANING UP RECOVERY

Collect spillages.

Absorb with sand or sawdust.

Collect the product in a container pending future destruction.

NEUTRALIZATION

DISPOSAL

Use authorized discharger or burn in approved installation.

Do not discharge in sewers.

Consult local waste disposal authorities.

7. HANDLING AND STORAGE

HANDLING

Avoid contact with skin, eyes during application. When eyes and skin irritate and contact wash it with soap and water.

TECHNICAL MEASURES

PREVENTION OF WORKER EXPOSURE

Handle with care using hand and eye protection.

Comply with the Health and Safety work laws.

SAFE HANDLING ADVICES

STORAGE

Do not keep for prolonged periods of time.

Keep container tightly closed.

Keep away from food, drink and animal feeding stuffs. While still wet.

8. TRANSPORT INFORMATION

- **LAND TRANSPORT** ADR/RID (cross-border)
- ADR/RID Class: 9 Miscellaneous dangerous substances and articles.
- Hazard Index Number: 90
- Substance Index Number: 3082
- Packaging Group: III
- Label: 9

- **MARITIME TRANSPORT IMDG:**
- IMDG Class: 9
- UN Number 3082
- Label 9 + MP
- Packaging Group: III
- EMS Number: F-A,S-F
- Marine Pollutants: no
- **AIR TRANSPORT ICAO-TI and IATA-DGR:**
- ICAO/IATA Class: 9
- UN/ID Number: 3082
- Label 9
- Packaging Group: III

9. REGULATORY INFORMATION

- Designation according to EC guidelines:
(APEM) – Epoxy Resin Committee
- Code letter and hazard designation of product:

Xi	Irritant
N	dangerous for the environment
- Risk phrases:

R 36/38	Irritating to eyes and skin.
R 43	May cause sensitization by skin contact.
R 51-53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Safety phrases

28	After contact with skin, wash immediately with plenty of soap and water.
37/39	Wear suitable protective clothing, gloves and eye/face protection.
61	Avoid release to the environment. Refer to special instruction/safety data sheets
- Primary irritant effect:
- On the skin: Irritant to skin and mucous membranes.
- On the eye: Irritant effect.
- Sensitization: Sensitization possible by skin contact.
- Additional toxicological information:
When used and handle according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

10. EMPLOYEE PROTECTION

Avoid breathing vapors/mists. Use a niosh-approved respirator as required to prevent over-exposure. In accord with 29 CFR 1910.134, use either a full-face, atmosphere-supplying respirator or an air-purifying respirator for organic vapors. Avoid breathing vapors which may be produced under some conditions such as heating or applications of uncured material in large surface areas (e.g, flooring and painting). Avoid breathing aerosols and mists which may be formed by various methods of application. In accordance with Sara Title III, Section 313, the attached Environmental Data Sheet (Eds) should always be copied and sent with the MSDS.

11. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Liquid
COLOR:	White/Gray(other colors available upon request)
FLASH POINT:	> 93°C (>199°F)
AUTO IGNITING:	Product is not self igniting
DANGER OF EXPLOSION:	Product does not present an explosion hazard
SOLUBILITY IN / MISCIBILITY WITH WATER:	miscible
SOLVENT CONTENT	0%
ORGANIC SOLVENT:	0 %
SOLIDS CONTENT:	51.0%
VOC CONTENT	below zero(0) volatile organic content (waterbased & solvent free)

12. STABILITY AND REACTIVITY

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Dangerous reactions No dangerous reactions known.
- Dangerous products of decomposition: No dangerous decomposition products known

13. TOXICOLOGY INFORMATION

- Acute toxicity.
- Primary irritant effect.
- On the skin: May cause skin irritation
- On the eye: Irritating eye.
- Sensitization: Sensitization possible through skin contact.
- Additional toxicological information.
- The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

14. ECOLOGICAL INFORMATION

Ecotoxic Effects

- Remarks: Toxic for fish
- General notes:
- Water Hazard Class 1 (Self-assessment): Slightly hazardous for water
 - Water Hazard Class 2 (Self-assessment): hazardous for water
 - Do not allow product to reach ground water, water course or sewage system.
 - Danger to drink water if even small quantities leak into the ground.
 - Also poisonous for fish and plankton in water bodies..
 - Toxic for aquatic organisms.

15. DISPOSAL CONSIDERATION

- **Recommendation:**

It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. Local Regulations may differ from disposal regulations. Dispose of waste material according to local and provincial environmental regulations.

Recommendation: Disposal must be made according to local regulations.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.