

Stick-Onn Epoxy Resin Adhesive (Part A + Part B)

Part A: viscous liquid / paste · Part B: viscous liquid / paste

GHS STATUS

Hazardous — Danger

TRANSPORT

UN 3082 (Part A, if > 5 L)

EMERGENCY

+91 93716 35312

SUPPLIER

**Synergy Bonding
Solutions**

01 IDENTIFICATION

Product name	Stick-Onn Epoxy Resin Adhesive (Part A + Part B)
Recommended use	Two-component structural epoxy adhesive for metal, stone, concrete, wood and ceramic bonding. Professional / industrial use.
Supplier	Synergy Bonding Solutions Pvt. Ltd., 205, 4th Floor, Mont Vert Spectra, Pallod Farms, Baner, Pune – 411045, Maharashtra, India
Contact	contact@stickonn.in · +91 90210 86995 · www.stickonn.in
Emergency telephone	+91 93716 35312 / +91 90210 86995 (Mon–Sat, 9:30 am – 6:30 pm IST)

02 HAZARD IDENTIFICATION

GHS classification

- Part A (Resin) — Skin irritation, Cat. 2; Eye irritation, Cat. 2; Skin sensitisation, Cat. 1; Aquatic chronic, Cat. 2
- Part B (Hardener) — Skin irritation, Cat. 2; Serious eye damage, Cat. 1; Skin sensitisation, Cat. 1; Aquatic chronic, Cat. 3

Signal word

DANGERGHS05
CorrosiveGHS07
IrritantGHS09
Environment

Hazard statements

- H315** Causes skin irritation.
- H317** May cause an allergic skin reaction.
- H318** Causes serious eye damage.
- H319** Causes serious eye irritation.
- H411** Toxic to aquatic life with long lasting effects.
- H412** Harmful to aquatic life with long lasting effects.

Precautionary statements

- P261 Avoid breathing vapours.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing and eye / face protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing.
- P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
- P501 Dispose of contents / container in accordance with local regulations.

Other hazards: Mixing Part A and Part B generates heat (exothermic reaction). Large mixed masses can overheat and smoke.

03 COMPOSITION / INFORMATION ON INGREDIENTS

Mixture.

Component	CAS No.	% w/w
Part A — Bisphenol-A epichlorohydrin epoxy resin ($MW \leq 700$)	25068-38-6	60 – 90
Part A — Fillers and additives	Proprietary	10 – 40
Part B — Polyamide / polyamine curing agent	Proprietary	50 – 80
Part B — Fillers and additives	Proprietary	20 – 50

04 FIRST-AID MEASURES

Inhalation	Move to fresh air. Seek medical advice if symptoms persist.
Skin contact	Remove contaminated clothing. Wash immediately with soap and plenty of water. Do not use solvents on skin. Seek medical advice if a rash develops.
Eye contact	Rinse immediately with plenty of water for at least 15 minutes, holding eyelids open. Seek immediate medical attention.
Ingestion	Rinse mouth. Do not induce vomiting. Seek medical attention.

Most important symptoms: Skin and eye irritation; hardener may cause serious eye damage. Repeated skin contact may cause allergic dermatitis.

Note to physician: Treat symptomatically.

05 FIRE-FIGHTING MEASURES

Suitable extinguishing media	Foam, dry chemical, CO ₂ , water spray.
Specific hazards	Combustible. Burning produces CO, CO ₂ , nitrogen oxides, phenolic compounds and ammonia.
Protective equipment	Wear self-contained breathing apparatus and full protective clothing.

06 ACCIDENTAL RELEASE MEASURES

Absorb with sand or inert absorbent and place in a labelled container. Do not mix spilled Part A and Part B in large quantities. Prevent entry into drains and watercourses.

07 HANDLING AND STORAGE

Safe handling

Avoid contact with skin and eyes. Use in a well-ventilated area. Mix only the quantity required within the pot life. Wash hands thoroughly after handling.

Storage conditions

Store both components in tightly closed original containers in a cool, dry place between 5°C and 35°C, away from direct sunlight. Store Part A and Part B separately from acids and oxidisers.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: No occupational exposure limits established for the product components.

Engineering controls: Provide general and, where necessary, local exhaust ventilation.

Eyes

Chemical safety goggles or face shield.

Hands

Nitrile gloves. Change immediately if contaminated.

Respiratory

Not normally required with adequate ventilation.

Body

Long-sleeved work clothing or apron.

09 PHYSICAL AND CHEMICAL PROPERTIES

Physical state

Viscous liquid / paste (both parts)

Mix ratio

1 : 1

Pot life

30 – 40 min at 25°C

Cure time

24 h at 25°C

Odour

Part A faint; Part B amine-like

Flash point

> 100°C

Solubility in water

Insoluble

10 STABILITY AND REACTIVITY

Reactivity / stability	Part A and Part B react exothermically when mixed. Each component is stable separately under recommended storage conditions.
Conditions to avoid	Heat; mixing large masses at once.
Incompatible materials	Strong acids, strong bases, strong oxidising agents. Part A with amines (outside intended mixing).
Hazardous decomposition	On burning: CO, CO ₂ , NO _x , phenolic compounds.

11 TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified.
Skin corrosion / irritation	Causes skin irritation.
Eye damage / irritation	Part A causes eye irritation; Part B may cause serious eye damage.
Sensitisation	May cause an allergic skin reaction (both parts).
CMR effects	Not classified.

12 ECOLOGICAL INFORMATION

Part A: toxic to aquatic life with long lasting effects. Part B: harmful to aquatic life with long lasting effects. Cured product is inert. Avoid release to the environment.

13 DISPOSAL CONSIDERATIONS

Mix and cure small residues of Part A and Part B together and dispose of as non-hazardous solid waste. Dispose of uncured components as hazardous waste via an authorised handler.

14 TRANSPORT INFORMATION

UN number	UN 3082 (Part A, if > 5 L)
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)
Transport hazard class	9
Packing group	III
Marine pollutant	Yes (Part A)

15 REGULATORY INFORMATION

Classified and labelled in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS, UN Rev. 9). Users should comply with the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 (India) and the Factories Act, 1948, where applicable.

16 OTHER INFORMATION

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The information in this Safety Data Sheet is based on our present knowledge and is given in good faith. It describes the product with regard to safety requirements and does not constitute a guarantee of product properties. Users are responsible for ensuring safe handling and compliance with applicable laws. Refer to the Technical Data Sheet for application information.

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