

STICK-ONN • FURNITURE GRADE • CODE SO-EPX

Stick-Onn Epoxy Resin Adhesive

Two component structural epoxy for heavy-duty bonding of metal, concrete, wood, stone and ceramic.

Prepared in the 16-section format of the Globally Harmonized System (GHS).

Section 1: Identification

Product name	Stick-Onn Epoxy Resin Adhesive
Product code	SO-EPX
Chemical name	Two component epoxy adhesive: resin (Part A) and hardener (Part B)
Chemical family	Bisphenol A epoxy resin with polyamide / amine hardener
Recommended use	Metal bonding; Structural repairs; Industrial assembly; Load-bearing joints; Bonds metal, concrete, wood, stone and ceramic
Uses advised against	Uses other than those recommended.
Supplier	Synergy Bonding Solutions Pvt Ltd 205, 4th Floor, Mont Vert Spectra, Pallod Farms, Baner Pune, Maharashtra 411045 India
Manufacturing	ISO 9001:2015 certified plants in Pune, Maharashtra, India
Telephone / Email	+91 9021 086 995, +91 7774 055 316 marketing@synergybonding.in
Emergency telephone	+91 9021 086 995 (office hours)

Section 2: 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
Pictograms	
Signal word	DANGER
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.

Section 2: Hazard Identification

Precautionary statements	● P102 Keep out of reach of children. ● P261 Avoid breathing vapours or spray. ● P273 Avoid release to the environment. ● P280 Wear protective gloves and eye 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 and easy to do. Continue rinsing. ● P310 Immediately call a poison centre or doctor. ● P333+P313 If skin irritation or rash occurs: get medical advice. ● P501 Dispose of contents and container in accordance with local regulations.
Physical state	Part A: viscous liquid; Part B: viscous liquid
Other hazards	● Mixing resin and hardener releases heat; large mixed masses can overheat, smoke and crack containers. ● Repeated skin contact with uncured resin or hardener can cause sensitisation (allergic dermatitis). ● The fully cured adhesive is inert.

Section 3: Composition / Information on Ingredients

Component	CAS No.	Content (% w/w)
Part A: Bisphenol A – epichlorohydrin epoxy resin (MW up to 700)	25068-38-6	Main component
Part A: Reactive diluent / fillers	Confidential	Confidential
Part B: Polyamide / polyamine hardener	Confidential	Main component
Part B: Fillers and accelerators	Confidential	Confidential

Hazard statements cover both parts of the kit. Hardener classification assumes a polyamide / amine type typical for 1:1 mix-ratio systems.

Section 4: First Aid Measures

Eye contact	Rinse IMMEDIATELY with plenty of water for at least 15 minutes, holding the eyelids open. Remove contact lenses. Get medical attention immediately.
Skin contact	Remove contaminated clothing. Wash immediately with plenty of soap and water. Do not use solvents. Get medical advice if irritation or rash develops.
Ingestion	Rinse mouth. Do NOT induce vomiting. Get medical attention.
Inhalation	Move to fresh air. Get medical advice if symptoms persist.

Section 5: Fire Fighting Measures

Flammability	Combustible liquids; not easily ignited.
Suitable extinguishing media	Foam, carbon dioxide, dry powder, water spray.
Special hazards	Burning gives carbon oxides, nitrogen oxides, phenolic compounds and dense smoke.
Protective equipment	Self-contained breathing apparatus and full protective clothing.

Section 6: Accidental Release Measures

Personal precautions	Wear gloves and goggles. Avoid skin contact.
Environmental precautions	Prevent entry into drains, soil and watercourses.
Clean-up	Absorb with sand or another inert material and collect in closed containers. Do not mix spilled resin and hardener.

Section 7: Handling and Storage

Handling	Avoid all skin and eye contact. Mix only the quantity usable within the pot life (30 – 40 minutes) and in small batches to limit heat build-up. Use with adequate ventilation.
Storage	Keep resin and hardener in their original, tightly closed containers in a cool, dry place away from direct sunlight. Do not store mixed material.
Incompatible materials	Strong oxidising agents, strong acids and bases.

Section 8: Exposure Controls / Personal Protection

Engineering controls	General ventilation; local exhaust if heating or sanding.
Exposure limits	None established for the components.
Hand protection	Nitrile gloves (not latex). Replace immediately if contaminated.
Eye protection	Chemical splash goggles; face shield when mixing larger quantities.
Body protection	Long sleeved work clothing.
Hygiene measures	Wash hands before breaks. Do not eat, drink or smoke at work.

Section 9: Physical and Chemical Properties

Appearance	Two viscous liquids / pastes
Odour	Part A: slight; Part B: amine-like
Mix ratio	1:1
Pot life	30 – 40 minutes
Cure time	24 hours at 25°C
Flash point	Above 100°C (expected)
Solubility in water	Insoluble

Section 10: Stability and Reactivity

Reactivity	Resin and hardener react exothermically when mixed.
Chemical stability	Stable when stored separately in closed containers.
Conditions to avoid	Heat; mixing large quantities at once.
Materials to avoid	Strong oxidising agents, strong acids and bases.
Hazardous decomposition	Carbon oxides, nitrogen oxides, phenolic compounds on burning.

Section 11: Toxicological Information

Skin	Causes skin irritation. May cause an allergic skin reaction (sensitisation) after repeated contact.
Eyes	Hardener causes serious eye damage; resin causes serious eye irritation.
Inhalation	Low volatility; vapours from heated material may irritate.
Chronic	Sensitised persons may react to very low exposure levels.

Section 12: Ecological Information

Ecotoxicity	Resin: toxic to aquatic life with long lasting effects. Hardener: harmful to aquatic life.
Precautions	Do not allow to enter drains, soil or watercourses.

Section 13: Disposal Considerations

Uncured product	Dispose of as hazardous waste through an authorised handler, in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and local regulations. Do not pour into drains.
Leftovers	Mix small leftovers of resin and hardener in the correct ratio and allow to cure; cured material may be handled as non-hazardous waste.

Section 14: Transport Information

Part A (resin)	UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin), Class 9, Packing Group III. Packs of 5 L / 5 kg or less are exempt (Special Provision 375).
Part B (hardener)	Not regulated
Marine pollutant	Part A: yes

Section 15: Regulatory Information

GHS	Classified as hazardous: see Section 2.
------------	---

Section 16: Other Information

Revision	01
Date of issue	28 October 2026
Supersedes	All earlier editions of this data sheet
Abbreviations	GHS: Globally Harmonized System; TWA: time weighted average; STEL: short term exposure limit; TLV: threshold limit value; CAS: Chemical Abstracts Service.

Section 16: Other Information

Disclaimer

The information in this document is based on our present knowledge and laboratory tests, and is given in good faith as a guide. Because conditions of use are beyond our control, users must test the product to confirm its suitability for their own application. No warranty is given or implied, and this document does not relieve the user of the responsibility to comply with applicable laws and regulations.