

STICK-ONN • FURNITURE GRADE • CODE SO-L2L

Stick-Onn LAM2LAM Adhesive

Solvent-free MS polymer adhesive for laminate-to-laminate bonding without masking tape, with boiling water resistance.

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

Section 1: Identification

Product name	Stick-Onn LAM2LAM Adhesive
Product code	SO-L2L
Chemical name	Silane modified polymer (MS polymer) adhesive
Chemical family	One component moisture-curing MS polymer adhesive
Recommended use	Laminate to laminate; WPC / PVC board to veneer; WPC / PVC board to plywood; Vertical surfaces
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	Not classified as hazardous under GHS.
Pictogram / signal word	None required
Hazard statements	None
Precautionary statements	● P102 Keep out of reach of children. ● P261 Avoid breathing vapours or spray. ● P280 Wear protective gloves and eye protection. ● P302+P352 IF ON SKIN: Wash with plenty of soap and water. ● P333+P313 If skin irritation or rash occurs: get medical advice. ● P501 Dispose of contents and container in accordance with local regulations.
Physical state	Non-sag, smooth thixotropic paste
Other hazards	● Contains silane adhesion promoters and an organotin catalyst: may produce an allergic reaction in sensitive persons. ● Releases small amounts of methanol while curing; ensure ventilation in confined spaces. ● Solvent, silicone and isocyanate free.

Section 3: Composition / Information on Ingredients

Component	CAS No.	Content (% w/w)
Silane modified polyether (MS polymer)	Confidential	Confidential
Calcium carbonate (filler)	471-34-1	Confidential
Plasticiser	Confidential	Confidential
Silane adhesion promoter and drying agent	Confidential	Minor
Organotin catalyst	Confidential	Minor

Not classified as hazardous under GHS based on the concentrations typically used.

Section 4: First Aid Measures

Skin contact	Remove uncured product with a dry cloth, then wash with soap and water. Get medical advice if irritation or a rash develops.
Eye contact	Rinse with plenty of water for at least 15 minutes, holding the eyelids open. Get medical attention if irritation persists.
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Get medical advice.
Inhalation	Move to fresh air. Get medical advice if symptoms persist.

Section 5: Fire Fighting Measures

Flammability	Not flammable.
Suitable extinguishing media	Water spray, foam, carbon dioxide, dry powder.
Special hazards	Burning gives carbon oxides, silicon oxides and irritating fumes.
Protective equipment	Self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal precautions	Wear gloves and eye protection.
Environmental precautions	Prevent entry into drains.
Clean-up	Scrape up mechanically and collect in containers. Clean residues with white spirit or alcohol before the product cures.

Section 7: Handling and Storage

Handling	Use with adequate ventilation. Avoid contact with skin and eyes. Wash hands after use.
Storage	Store sealed cartridges in a cool, dry place away from direct sunlight and moisture, below 30°C.
Incompatible materials	Water and moisture (cause curing), strong oxidising agents, strong acids.

Section 8: Exposure Controls / Personal Protection

Engineering controls	General ventilation is normally sufficient.
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Exposure limit (methanol released on curing)	ACGIH TLV: 200 ppm (TWA), 250 ppm (STEL).
Hand protection	Nitrile gloves.
Eye protection	Safety glasses with side shields.
Body protection	Work clothing.

Section 9: Physical and Chemical Properties

Appearance	Non-sag, smooth thixotropic paste
Colour	White
Odour	Slight, characteristic
Density	1.55 – 1.65 g/ml
Flash point	Above 100°C (expected)
VOC content	Low
Solubility in water	Insoluble; cures on contact with moisture

Section 10: Stability and Reactivity

Chemical stability	Stable in sealed packs. Cures on exposure to atmospheric moisture.
Conditions to avoid	Moisture, temperatures above 30°C during storage.
Materials to avoid	Strong oxidising agents, strong acids.
Hazardous decomposition	Small amounts of methanol while curing; carbon and silicon oxides on burning.

Section 11: Toxicological Information

Acute toxicity	Not expected to be acutely toxic.
Skin / eye	May cause slight irritation. Sensitive persons may develop an allergic skin reaction.
Target organs	None known.

Section 12: Ecological Information

Ecotoxicity	Not expected to be harmful to aquatic life. The cured product is inert.
Precautions	Do not allow uncured product to enter drains.

Section 13: Disposal Considerations

Uncured product	Allow to cure, then dispose of as non-hazardous industrial waste.
Cartridges	Empty, cured cartridges may be disposed of as non-hazardous waste.

Section 14: Transport Information

UN number	Not applicable
Road / rail (domestic)	Not regulated
Sea (IMDG) / Air (ICAO-IATA)	Not regulated
Marine pollutant	No

Section 15: Regulatory Information

GHS	Not classified as hazardous.
VOC	VOC content low; solvent, silicone and isocyanate free.

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.
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