



FXN STICKER - SAFETY DATA SHEET (SDS)

Prepared according to OSHA HazCom 2012 (29 CFR 1910.1200) & GHS

1: IDENTIFICATION

Product Name:	FXN Sticker (Heat-Activated Fire Suppression Sticker for Electrical Enclosures)
Recommended Use:	Installed inside enclosed electrical or electronic cabinets to suppress early-stage ignition. Not intended for life-safety, occupied-space suppression, or open-flame environments
Manufacturer:	FireXNull Inc.
Address:	288 Borrego, Irvine, CA 92618
Emergency Contact (24/7):	In case of fire or activation event, follow standard electrical fire emergency procedures.

2: HAZARD IDENTIFICATION

GHS Classification:	Not classified as hazardous (manufactured article)
Thermal Decomposition Hazards:	May release CO ₂ , CO, HF traces
Signal Word:	None
Hazard Statements:	Heating may release irritating decomposition products.
Precautionary Statements:	Avoid inhaling fumes after activation; ventilate enclosure.

3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	Content
FK-5-1-12 (CAS 756-13-8):	~60%



Component	Content
Microcapsule Shell (Urea-formaldehyde + gelatin):	5–10%
Other Components:	Fatty acid dimers, epoxy resins, curing agents, adhesives (non-hazardous in bound form)

4: FIRST-AID MEASURES

Inhalation:	Move to fresh air; seek medical care if irritation persists.
Skin Contact:	Wash with soap and water.
Eye Contact:	Rinse with clean water for several minutes.
Ingestion:	Rinse mouth; seek medical advice.

5: FIRE-FIGHTING MEASURES

Suitable Media:	Water spray, CO ₂ , dry chemical.
Hazards:	Thermal decomposition may generate CO, CO ₂ , HF.
Protective Equipment:	SCBA and full PPE recommended.

6: ACCIDENTAL RELEASE MEASURES

Intact Product:	No special measures required.
Damaged/Activated Product:	Ventilate area; wear gloves and mask; remove residue.



7: HANDLING AND STORAGE

Handling:	Install on clean, dry surfaces; do not bend or puncture.
Storage Temperature:	-40°F to +149°F (-40°C to +65°C)
Humidity:	<80%
Shelf Life:	2 years unopened; 5 years after opening.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Normal ventilation is adequate.
PPE:	Gloves for installation; mask if handling activated material.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid composite sticker
Activation Temperature:	248° F ± 9°F (120°C ± 5°C)
Residue After Activation:	None
Conductivity:	Non-conductive

10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Avoid:	Excessive heat, UV exposure, high humidity
Decomposition Products:	CO, CO ₂ , HF traces



11: TOXICOLOGICAL INFORMATION

Acute Effects: Mild irritation possible from decomposition fumes.
Chronic Effects: None known under normal exposure.

12: ECOLOGICAL INFORMATION

Ozone Depletion: Zero
Environmental Impact: Solid composite; not expected to leach significant materials.

13: DISPOSAL CONSIDERATIONS

Classification: Non-hazardous solid waste
Disposal: Follow local regulations for solid composite disposal.

14: TRANSPORT INFORMATION

DOT: Not regulated
IATA: Not regulated
IMDG: Not regulated

15: REGULATORY INFORMATION

Category	Compliance Details
OSHA HazCom:	Article exemption applies



Category	Compliance Details
EPA SNAP:	FK-5-1-12 approved
California Prop 65:	FK-5-1-12 is not listed. Product may contain trace n-butyl glycidyl ether (BGE), a listed carcinogen. In its cured and encapsulated form, user exposure is not expected to exceed the Prop 65 “no significant risk” threshold. No Prop 65 warning required under normal use.
UL Clarification:	FXN Sticker does not fall under any existing UL product category.
OSFM (California):	Listing not required (per correspondence dated May 20, 2025).

16: OTHER INFORMATION

Prepared by: FireXNull Inc.

Revision Date: January 2025

This SDS aligns with and complements the FXN Sticker TDS.