



Material Safety Data Sheet (MSDS)

1. Product identification of substance

Product Name:	Max Bond LC Self-Etching Bonding System
Supplier:	J. Morita USA, Inc. 9 Mason, Irvine, CA 92618 USA
Emergency Phone Number:	(800) 831-3222 or (949) 581-9600

2. Composition/data on ingredients

Ingredients:	Modified dimethacrylates, methacrylates, phosphoric esters, catalysts, stabilizers in ethanol
Hazardous components:	Ethanol / CAS-Nr. 64-17-5

3. Hazard identification

Risk identification:	Flammable
Special risks for human being and environment:	Harmful
Classification:	Classification corresponds to actual EEC guidelines.

4. First aid measures

After skin contact:	Wash with plenty of water and soap. Remove contaminated clothes.
After eye contact:	Rinse with plenty of water with the eyelid held wide open and consult a physician.
After swallowing:	Caution if victim vomits, risk of aspiration. Keep airways free. Drink plenty of water, but no milk, castor oil or alcohol and consult a physician.

5. Fire fighting measures

Extinguishing media:	Water, dry chemical foam, powder
Protective equipment:	Chemical protection clothing and self-containing breathing apparatus.

6. Accidental release measures

Personal precautions:	Do not inhale vapors. Use only in well-ventilated area.
Environmental precautions:	Do not empty into drain.
Methods of cleaning up:	Wipe out with absorbent materials. Clean up affected area with water.

7. Handling and storage

Handling:	N/A
Handling procedures:	N/A
Recommendation for fire and explosion protection:	Keep away from heat and fire.
Storage:	Store in dry place at room temperature.

8. Exposure controls/personal protection

General measures of protection and hygiene:	Normal hygienic measures.
Respiratory protection:	Do not breathe vapor.
Hand and skin protection:	Wear gloves.
Eye protection:	Wear goggles.
Hygiene measures:	Do not eat or drink when using.

9. Physical and chemical properties

Form:	Liquid
Color:	Yellowish color
Odor:	None
Melting point / range:	Approx. -144°C
Boiling point / range:	Approx. 78°C
Flash point:	Approx. 14°C
Autoignition point:	Approx. 363°C
pH:	Agent A – Approx. 1.5, Agent B – Approx. 5.5
Water solubility:	Soluble

10. Stability and reactivity

Stability:	Stable, avoid high heat and direct sunlight.
Incompatibility with other substances:	Alkaline metals, alkaline earth metals, alkali oxides, free radical initiators, powdered metals and metal oxides, plastics and rubber.
Hazardous reactions:	None, if handled and stored according to directions.
Hazardous decomposition products:	Not known

11. Toxicological information

Acute toxicity:	LD50 (oral) rat 6,200 mg/kg
Primary irritation – skin:	Irritating on prolonged exposure.
Primary irritation – eye:	Strongly irritating on prolonged exposure.
Inhalation:	Slight mucosal irritations.
Ingestion:	Possibly toxic if swallowed.
Sensitization of product:	Allergic reactions to methacrylates.
Additional toxicological information:	N/A

12. Ecological information

Do not dispose into drains or the environment.
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13. Disposal consideration

Disposal must be made according to federal, state and local regulations.
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14. Transport information

Air transport / ground transport	UN 1170 Ethanol, Hazard Class 3, Packing Group II
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15. Regulatory information

Flammable

16. Other information

N/A

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