TEIJIN

TEIJIN AUTOMOTIVE TECHNOLOGIES

MATERIAL APPROVAL REQUEST FORM (MARF)

Attach the Safety Data Sheet of the material which is being reviewed for environmental consideration.

Section 1: To be completed by REQUESTOR

REQUESTED BY: Josh Hall

FACILITY: Sarepta

MATERIAL/CHEMICAL: Emabond 247401 Resin

FUNCTION/PURPOSE: Used in the process of the 311xx storage bin

LOCATION/AREA TO BE USED: Press 209 assembly line

ESTIMATED MONTHLY USE: 1450 lbs

REQUEST SUBMITTED BY: Tracey Allen

Forward completed MARF with attached documents to Corporate EHS for approval.

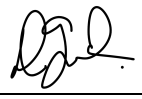
Section 2: To be completed by EXECUTIVE DIRECTOR EH&S.

☑ Approved for use

☐ Approved for Trial Use Only (Provide Executive Director of EHS with trial results for reclassification of material).

☐ Provisionally approved contingent upon:

☐ Rejected:



Signature (Executive Director EHS)

June 14, 2022

Date

Emabond Solutions

Safety Data Sheet

Issue Date: 1-14-22

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/GHS ID: EMABOND® 247401 Resin

Other means of Identification: Visual-Pellets

Recommended use is for plastics assembly via induction bonding.

COMPANY: Emergency Tel# 248-481-8048

EMABOND SOLUTIONS
1797 Atlantic Blvd
Auburn Hills, MI 48326

2. HAZARDS IDENTIFICATION

This product is not considered a "Hazardous Chemical" as defined by the OSHA HazCom Standard, 29 CFR 1910.1200. The product is supplied as a solid pellet.

Color: Dark Gray

Form: Solid pellets.

Potential Health Effects

Eye Contact: Solid may cause irritation or injury due to mechanical action.

Skin Contact: Prolonged contact is essentially nonirritating to skin. Contact with heated material may cause thermal burns.

Skin Absorption: No adverse effects anticipated.

Inhalation: This is a solid product.

Ingestion: May cause choking if swallowed.

3. COMPOSITION

	CAS#	% (by weight)
Iron	7439-89-6	5-95
Propylene Ethylene Copolymer	9010-79-1	5-95

Product Name: EMABOND® 247401 Resin

4. FIRST AID MEASURES

Eye Contact: Flush eyes thoroughly with water for several minutes. Consult physician if necessary.

Skin Contact: If heated material is in contact with the skin, cool under ice water or running stream of water. DO NOT attempt to remove the material from skin. Removal could result in severe tissue damage. Seek medical attention immediately.

Inhalation: Move person to fresh air. If effects occur, consult a physician.

Ingestion: This is a solid shape. If swallowed, seek medical attention.

5. FIRE FIGHTING MEASURES

Material is non-flammable

Flash Point: NA

Explosive Limits: NA

Auto Ignition Temperature: No data

Hazardous Combustion Products: May include carbon dioxide, carbon monoxide, metal oxides, or various hydrocarbons.

Extinguishing Media: Regular foam, carbon dioxide, dry chemical.

Special Protective Equipment for Firefighters: Wear positive-pressure self- contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a safe distance.

NFPA Rating: Health – 0, Flammability – 1, Reactivity -- 0

6. ACCIDENTAL RELEASE MEASURES

Spill: Sweep up material for disposal.

7. HANDLING AND STORAGE

This material is considered non-hazardous and can be stored in accordance with good manufacturing procedures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: None established

Personal Protection: Eye Protection: Wear safety glasses in compliance with OSHA regulations (consult your safety representative).

Skin Protection: Use heat -resistant gloves if material is handled hot.

Ventilation: If user operations generate dust or fumes, use local exhaust as needed

Product Name: EMABOND® 247401 Resin

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Solid
Color:	Dark gray
Odor:	No odor as supplied.
Flash Point:	NA
Density:	> 1

10. STABILITY AND REACTIVITY

Hazardous Polymerization: will not occur.

Hazardous Decomposition products may include carbon dioxide, carbon monoxide, and metal oxides, or various hydrocarbons.

Chemical Stability: Stable

11. TOXICOLOGICAL INFORMATION

No data. Follow personal protection guidelines in Section 3.

12. ECOLOGICAL INFORMATION

Can be disposed of as a non-hazardous solid waste in accordance with local, state, and Federal regulations. Ecological damages are not known or expected under normal use.

13. DISPOSAL CONSIDERATIONS

All disposal practices must be in compliance with all local, state or federal regulations.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

This product as supplied is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Not a dangerous substance or mixture.

16. Other Information – disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes of the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).