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PETITION TO THE EU PARLIAMENT FOR THE UPC BASED RECYKLING DATABASE

Summary of the petition

This petition requests that the European Parliament mandate a public, searchable UPC-based database linking every product sold with a registered UPC to detailed recycling, warranty and material-origin information. The database must require the company that registers the UPC to provide: the producer(s) of man-made materials used in packaging for consumables; a complete list of materials for non-consumable products including sub-supplier information; and return addresses for warranty service, whole-product recycling, and recycling destinations for each listed material-component. The UPC database web address and a QR code (where space permits) must be printed below the UPC barcode on product packaging.

Requested legislative actions

1. Require mandatory registration of every product UPC in a centralized EU database with publicly accessible records.
2. Require the UPC registrant to provide and keep updated the following data for each UPC record:

a. Producer identification for packaging materials in consumable products;



b. Complete list of materials and components for non-consumable products including supplier chains for materials originating from other producers;

c. Return address for warranty service;

d. Return address for whole-product recycling;

e. Return address for recycling of each material-component listed.

3. Require the UPC record to include an official database URL and a machine-readable QR code reference; oblige manufacturers or packagers to print the database URL or QR code under the UPC barcode where packaging space allows.
4. Establish enforcement mechanisms including fines, market access restrictions, and compliance audits for registrants who fail to provide or maintain accurate supplier and material data.
5. Ensure the database is free to access, searchable in all official EU languages, and provides standardized downloadable material/component descriptors to support municipal and commercial recyclers.

Rationale and benefits

- Improves traceability of materials across supply chains, enabling accurate recycling and safer end-of-life handling.
- Places accountability on the company placing the product on the market to collect material-supplier information rather than on downstream waste managers.
- Reduces contamination in recycling streams by providing recycling destinations for specific materials and components.
- Supports circular economy and EU waste reduction targets by facilitating material recovery and reuse.



- Helps consumers make informed choices and supports repair, take-back and producer responsibility schemes.

Implementation details and technical requirements

- Data fields must follow a standardized schema covering: UPC, product name, manufacturer, supplier chain for each listed material, material identifiers (e.g., standard material codes), component-level recycling instructions, and the three required return addresses.
- The registry must implement authentication and verification for registrants and provide an audit trail for changes.
- The database must expose an open API enabling municipal waste systems, repair networks and private recyclers to integrate records into sorting and routing systems.
- Guidance for QR code and URL placement under UPC barcodes must be issued so the link is visible yet compliant with packaging design constraints.
- Transitional timelines, exemptions for very small packaging where QR placement is impossible, and assistance measures for SMEs to comply should be defined.

Request for action and contact

Petitioners request the European Parliament to: draft and adopt legislation or a binding amendment to existing product and packaging regulations to create the UPC-based recycling database and the associated obligations for UPC registrants; task the Commission with building or accrediting the central registry and setting data and enforcement standards; and require immediate inclusion of UPC database references on product packaging as specified above.

The petition should secure to all consumers a crucial right to know all man-made materials used to make purchased products and a crucial right to return whole product and any part of the product directly to the



98 material manufacture and product manufacture without use of third-party public and private waste
99 management services and landfills that should operate independently in the environmental protection profit
100 branch regardless of the consumers choice.

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117 Co-written with the use of Microsoft Co-Pilot.

K Pawlak

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Founder and Board President of
Eugenix ® Simple Stock Corporation
Tribal and Indigenous Ethnic Minority of
Arcticus Blancus (Latin), Blanków (Polish).

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Antarctic Mass Excavation Nonetheless.