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## Technical Data Sheet

# ETHYLTRIPHENYLPHOSPHONIUM IODIDE (ETPPI)

### 1. Chemical Product Identification

**GHS Product Identifier:** 199.44, Ethyltriphenylphosphonium Iodide, ETPPI

**Formula:** C<sub>20</sub>H<sub>20</sub>PI

**CAS No.:** 4736-60-1

**Formula Description:** White to pale yellow crystalline powder.

**Recommended Use:** Ethyltriphenylphosphonium Iodide is a halogenated alkylated phosphonium salt used as a phase transfer catalyst in epoxy resins and powder coating systems.

**General Properties:**

Molecular Weight: 418.26

Melting Point (°C): 166-173



### 2. Chemical Product Specifications

Chemical Identity	Assay	Moisture
ETPPI	98.0% minimum	≤ 0.2%

### 3. Standard Packaging

Net Weight	Packaging
25 lbs.	UN1G 8 gal Fiberdrum
100 lbs.	UN1G 15 gal Fiberdrum
Material packaged with 4 ml pink anti-stat liner; suitable for export. Custom packaging available.	

#### 4. Transport Information

SHIPPING CRITERIA	US DOT	IATA and IMDG
Proper Shipping Name	Toxic solid, organic, n.o.s. (Ethyltriphenylphosphonium Iodide)	Toxic solid, organic, n.o.s. (Ethyltriphenylphosphonium Iodide)
Hazard Class	Class 6.1	Class 6.1
Identification Number	UN 2811	UN 2811
Packing Group	PG III	PG III
Shipping Label	Toxic	Toxic
Additional Marking Requirement	Consult the 49CFR Non-Bulk and Bulk Requirements	Consult the 49CFR Non-Bulk and Bulk Requirements

#### 5. Handling and Storage

**Storage Conditions:** Store in UN-rated fiber drum with lever-lock and an inner anti-static bag. Store in a cool, dry, well-ventilated area away from incompatible substances, direct sunlight or elevated temperatures. Keep containers tightly closed using a tamper-evident seal. Protect against physical damage. Shower and dispose of outer clothing and change to clean garments at the end of the day. Wash hands before eating and do not eat, drink or smoke in workplace. Containers of this material may be hazardous when empty since they retain product residues.

SDS with detailed information available upon request.