



SAFETY DATA SHEET

MATERION

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance/preparation	Indium Product		
Version No.	01		
Issue date	02-June-2015		
Manufacturer information	Materion Advanced Materials Group 42 Mt. Ebo Road South Brewster, NY 10509		
	United States		
	Supplier Phone	1+845.279.0900	
	Chemtrec	1+703.527.3887	

2. HAZARDS IDENTIFICATION

Physical hazards	Not classified as a physical hazard.
Health hazards	Not classified as a health hazard.
Environmental hazards	Not classified as an environmental hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent	EC-No.	Classification
Indium	7440-74-6	99,9 - 100	231-180-0	

4. FIRST-AID MEASURES

5. FIRE-FIGHTING MEASURES

6. ACCIDENTAL RELEASE MEASURES

7. HANDLING AND STORAGE

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

US. ACGIH Threshold Limit Values

Material	Type	Value
Indium Product	TWA	0,1 mg/m ³
Components	Type	Value
Indium (CAS 7440-74-6)	TWA	0,1 mg/m ³

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures

Additional exposure data Not available.

Personal protective equipment

Skin and body protection Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Solid.
Form	Not available.
Colour	Not available.
Odour	Not applicable.
Odour threshold	Not available.
pH	Not available.
Boiling point	2072 °C (3761,6 °F)
Flash point	Not available.

Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapour pressure	< 0,0000001 kPa at 25 °C
Relative density	Not available.
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available.
Viscosity	Not available.
Vapour density	Not available.
Evaporation rate	Not available.
Melting point/freezing point	156,6 °C (313,88 °F)
Auto-ignition temperature	Not applicable.
VOC	Not available.
Molecular weight	114,82 g/mol
Molecular formula	In
Other data	
Density	7,31 g/cm ³ at 20 °C
Specific gravity	7,31

10. STABILITY AND REACTIVITY

Conditions to avoid	Not available.
Hazardous decomposition products	Not available.

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

ADR

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

15. REGULATORY INFORMATION

Labeling

Contains	Indium
EC number	231-180-0
R-phrases(s)	None.
S-phrases(s)	None.

16. OTHER INFORMATION