



MATERIAL SAFETY DATA SHEET: PLATINIUM SCREEN
(PN: 630-00105-00, 630-00105-01)

REV: 0

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Approved by:

Zoraly Anderson

July 9, 2010

SECTION 1. PRODUCT IDENTIFICATION

Name: Platinum Screen
Synonym: Platinum Mesh, Catalyst Support, Platinum Metal
Manufacturer: Shimadzu Corporation
Catalog Number: 630-00105-00, 630-00105-01
Additional Information Contact: 800.477.1227
24 Hour Emergency Contact: 410-768-8155 (AIRPACK; 500 McCormick Dr.; Glen Burnie, MD 21061)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Platinum (Pt) CAS #: 7440-06-4

SECTION 3. PRODUCT USE

Specifically used as a catalyst support and/or sample stream dispersion within the catalyst tube in Shimadzu TOC-500, TOC-5000 Series, TOC-Vc Series and TOC-4000 Series combustion type Total Organic Carbon analyzers. Consult the appropriate instrument manual for proper use.

SECTION 4. PHYSICAL DATA

Appearance:	Silvery-Grey Metal	Odor:	None
Melting Point:	1772 C	Boiling Point:	3827 C
Density:	21.45 g cm ⁻³	Vapor Pressure:	N/A
Solubility:	N/A		

SECTION 5. HAZARDS IDENTIFICATION

Can act as a catalyst

SECTION 6. TOXICITY DATA

Many platinum compounds are sensitizers, though the metal itself is believed to be safe.

SECTION 7. HEALTH HAZARD DATA

NONE

SECTION 8. FIRST-AID MEASURES

Not Applicable

SECTION 9. FIRE FIGHTING MEASURES

Not considered a fire hazard, but can act as a catalyst.

SECTION 10. ACCIDENTAL RELEASE MEASURES

Not Applicable

SECTION 11. STABILITY AND REACTIVITY

Stability: Stable
Incompatibility: Aqua regia, molten alkali cyanides. Attacked by halogens, by fusion with caustic alkalies, alkali nitrates, alkali peroxides, by arsenates and phosphates in presence of reducing agents. Strong oxidizers, and organic materials.

Hazardous Decomposition Products: Chloroplatinic acid

Hazardous Polymerization: Will not occur



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SECTION 12. DISPOSAL

Dispose of container and unused contents in accordance with Federal, State, and Local requirements. State and Local disposal regulations may differ from Federal regulations and can be more stringent, but will never be less strict.

SECTION 13. OTHER INFORMATION

The information provided above is believed to be correct, but does not purport to be all inclusive and it must serve only as a guide. Shimadzu shall not be held liable for any damage resulting from handling or contact with the above product. Users should make their own determinations regarding the suitability of this information for their particular purposes