



1441 Branding Avenue, Suite 110  
Downers Grove, IL 60515  
PH: 800-353-7773  
www.lpms-usa.com

# SAFETY DATA SHEET

ISSUE DATE: November 2019

Revision 001.A

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **Spectra-Melt Omega Purge 225**

Product type: Hot Melt Resin

Restriction of Use: None identified

Company address:

LPMS-USA

1441 Branding Lane, Suite 110

Downers Grove, IL 60515 United States of America

Contact Information:

Telephone: 708-646-8370

MEDICAL EMERGENCY Phone: Poison

Control Center 1-877-671-4608

Transport Emergency Phone: CHEMTREC

1-800-424-9300

[www.lpms-usa.com](http://www.lpms-usa.com)

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

MOLTEN RESIN MAY CAUSE SEVERE BURNS.

VAPORS ABOVE MOLTEN RESIN MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
STATIC CHARGES GENERATED BY EMPTYING PACKAGE IN OR NEAR FLAMMABLE VAPORS MAY CAUSE  
IGNITION.

HAZARD CLASS	HAZARD CATEGORY
None	None

### PICTOGRAMS

None

### Precautionary Statements

Prevention	Not prescribed
Response	Not prescribed
Storage	Not prescribed
Disposal	Not prescribed



1441 Branding Avenue, Suite 110  
Downers Grove, IL 60515  
PH: 800-353-7773  
www.lpms-usa.com

Classification complies with Canadian Hazardous Products Regulations (WHMIS 2015) and is consistent with the provision of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

**See Section 11 for additional toxicological information**

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Weight % *
None	None	None

\*Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections

### 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention
Skin Contact:	Molten resin may cause severe burns. Cool melted product on skin with plenty of cold water. Do not remove solidified resin. Cover affected areas with clean sheeting or gauze and seek immediate medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn.
Eye Contact:	If eye contact occurs with molten material immediately cool with water. Do not remove resin. Seek medical attention
Ingestion:	Ingestion of solid resin is not expected to be hazardous. If symptoms develop and persist, get medical attention
Symptoms:	See Section 11.

### 5. FIRE FIGHTING MEASURES

Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide
Special firefighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear
Unusual fire or explosion hazards:	In case of fire, keep containers cool with water spray
Hazardous combustion products:	Oxides of carbon. Acrid smoke and fumes

### 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Do not allow material to contaminate ground water system
Clean-up methods:	Ensure adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection. Sweep up spilled material. Avoid creating dust. Keep in suitable and closed containers for disposal

### 7. HANDLING AND STORAGE

Handling:	Do not place wet or damp solid into melt tank. Follow suggested application temperature. Always be careful around molten material. Avoid skin contact with molten resins. Do not wear contact lenses. Avoid dust formation
Storage:	Keep cool in accordance with information on label and in Technical Data Sheets

For information on product shelf life, please review labels on container or check the Technical Data Sheet.



1441 Branding Avenue, Suite 110  
Downers Grove, IL 60515  
PH: 800-353-7773  
www.lpms-usa.com

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
None	None	None	None	None

Engineering controls:	Ventilation hoods and fans required when working with organic solvents or in hot melt applications. Heat only in areas with appropriate exhaust ventilation
Respiratory protection:	Solid Resin: Dust safety masks are recommended when the potential for dust inhalation exists. Molten Resin: Use a NIOSH approved air-purifying respirator with an organic vapor cartridge
Eye/Face protection:	Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Do not wear contact lenses
Skin protection:	Insulated gloves and long-sleeved clothing are strongly recommended when working with molten adhesive.

## 9. Physical AND CHEMICAL PROPERTIES

Physical state:	Solid
Color:	Amber
Odor:	Slight
Odor Threshold:	Not Available
pH	Not applicable
Vapor Pressure:	Not applicable
Boiling point/range:	Not determined
Melting point/range:	175C-190C (347-375F) (Softening Point)
Specific gravity:	1.2-1.3
Vapor Density:	Not applicable
Flash point:	No flash point up to 230C
Flammable / Explosive limits – lower:	Not applicable
Flammable / Explosive limits – upper:	Not applicable
Autoignition temperature:	Not applicable
Flammability:	Not applicable
Evaporation rate:	Not applicable
Solubility in water:	Not applicable
Partition coefficient (n-octanol/water) :	Not available
VOC content :	0 g/l
Decomposition temperature :	Not available

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions :	Will not occur
Hazardous decomposition products :	Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion
Incompatible materials:	Acids and bases. Oxidizing agents
Reactivity:	Not available
Conditions to avoid:	Excessive heat



1441 Branding Avenue, Suite 110  
Downers Grove, IL 60515  
PH: 800-353-7773  
www.lpms-usa.com

## 11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:

Skin, Inhalation, Eyes

### Potential Health Effects/Symptoms

Inhalation:	Continuous breathing of vapors above molten resin may irritate mucous membranes. Dusts from solid resin may cause irritation.
Skin Contact:	Molten resin may cause severe burns. Solid adhesive has no hazards.
Ingestion:	Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.
Eye contact:	Molten resin in eyes will cause severe and permanent damage. The resin could cause irritation if dusts are generated

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
None	None	None

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
None	None	None	None

## 12. ECOLOGICAL INFORMATION

Ecological information:

Not available

## 13. DISPOSAL CONSIDERATION

Information provided is for unused product only

Recommended method of disposal:

Follow all local, state, federal and provincial regulations for disposal

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself and is not specific to any package/configuration.

### Canada Transportation of Dangerous Goods – Ground

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing Group:	None



1441 Branding Avenue, Suite 110  
Downers Grove, IL 60515  
PH: 800-353-7773  
www.lpms-usa.com

#### International Air Transportation

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing Group:	None

#### Water Transportation (IMO/IMDG)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing Group:	None

### 15. REGULATORY INFORMATION

#### Canada Regulatory Information

CEPA DSL/NDSL Status:	Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities.
-----------------------	---

#### United States Regulatory Information

TSCA 8 (b) inventory Status	All components are listed or are exempt from listing on the Toxic Substances Control Act inventory
-----------------------------	--

### 16. OTHER INFORMATION

Prepared by: Terry Ng, Materials Scientist

Issue date: November 6, 2019

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, LPMS-USA and its affiliates ("LPMS") does not assume responsibility for any results obtained by persons over whose methods LPMS has no control. It is the user's responsibility to determine the suitability of LPMS products or any production methods mentioned herein for a particular purpose and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any LPMS products. In light of the foregoing, LPMS specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from the sale or use of LPMS's products. LPMS further disclaims any liability for consequential or incidental damages of any kind, including lost profits