

MATERIAL SAFETY DATA SHEET

1. Name of product and company:

Product Name: **Orange Solvent**

Supplier: Henry Schein, Inc.
Melville, NY 11747 USA
Henry Schein U.K. Holdings Ltd.
Gillingham ME8 OSB U.K.

Emergency Telephone Number: 703-527-3887

Date of Issue: July 17, 2008

Date of Review: September 29, 2011

2. Composition/Information on Ingredients:

A. Substances which give the product its health-risk properties, if any.

D-Limonene

3. Hazardous properties:

Physical/Chemical Hazards:	Incompatibility with strong oxidizing agents
Human Health Hazards:	Prolonged exposure can cause dermatitis of the skin
Environmental Hazards:	Not determined

4. First aid measures:

Effects and Symptoms:

Inhalation:	May cause nose, throat and respiratory tract irritation.
Skin contact:	May be irritating to skin
Eye contact:	May be irritating to eyes

First Aid Measures:

Inhalation:	Remove to fresh air
Skin contact:	Wash with soap and water
Eye contact:	Flush with copious amounts of water
Ingestion:	Do not induce vomiting, consult with physician first

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5. Fire fighting measures:	
<u>Extinguishing Media</u>	
Extinguishing Media:	Dry chemical, CO ₂ , Foam, Water fog
Special fire-fighting procedures:	Handle as an oil fire
Unusual fire/explosion hazards:	Combustible liquid. Guard against spontaneous combustion of improperly discarded rags. Vapors may travel a considerable distance to an ignition source and flashback.
Hazardous thermal (de) composition products:	Oxides of carbon and various hydrocarbons
Protection of fire fighters:	Self-contained breathing apparatus
6. Accidental release measures:	
Personal precautions:	Glove and eye protection suggested
Environmental Precautions and Clean-up Methods:	Small spills can be wiped up. Large spills should be absorbed by sand, vermiculite or other suitable absorbent. Do not hose to sewer
7. Handling and storage:	
Handling:	
Technical Precautions:	To be handled by qualified dental professionals
Precautions:	Follow the instructions for use
Storage:	Usual precautions for combustible liquids. Product may expand slightly during storage causing pressure to build in container. Open container carefully.
8. Exposure control/personal protection:	
Personal Protective Equipment	
Respiratory system:	Not required under normal use
Skin and body:	Lab coat
Hands:	Gloves
Eyes:	Safety glasses or splash goggles

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9. Physical and chemical properties:	
Physical State and Appearance:	Clear liquid
Odor:	Mild orange odor
Boiling Point:	176.0 °C
Melting Point:	ND
Specific Gravity:	0.83
Solubility:	Negligible
Flash Point:	51.5C ASTM D56-05
Flammability:	ND
Autoignition Temperature:	ND
Explosion Properties:	Combustible with excessive heat
10. Stability and reactivity:	
Stability:	This material is stable.
Conditions to Avoid/Materials to Avoid:	Excessive heat
Hazardous Reactions:	ND
Hazardous Decomposition Products:	Oxides of carbon and various hydrocarbons
11. Toxicological information:	
Skin Irritation:	Irritation to skin can occur
Eye Irritation:	Irritation to the eyes can occur
12. Ecological information:	
May cause adverse environmental impact if material reaches waterways.	
13. Waste disposal:	
Methods of disposal; Waste of Residues; Contaminated Packaging:	Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.
14. Transport information:	
Additional Information: UN 2319, Terpene hydrocarbons, N.O.S., Solution, 3, PGIII	
15. Regulatory information:	
Symbols of Danger:	
R-Phrase:	R10: Flammable R21/22: Harmful in contact with skin and if swallowed
S-Phrase:	

