



MATERIAL SAFETY DATA SHEET

Product Identity:

VERY SPECIAL SEPARATOR

SECTION I.

Identification

REVISION: MAY 2010

Manufacturer

Dental Ventures of America Inc.
217 Lewis Court
Corona, CA. 92882

Emergency Telephone Number:

Infotrack (800) 535 - 5053

Product Information Number:

(951) 270 - 0606

SECTION II.

Composition/Information on Ingredients

Chemical Name/Synonyms: Resin Solution
Contains: Hexane
Hazard Class: 3
UN Number: UN1866
Packaging Group: II
Hazard Label: Flammable

NO. COMPONENT	CAS.NO.	PERCENT
1. Hexane	110-540-3	<89%
2. Stoddard Solvent	8052-41-3	<2.5%
3. Trimethylsilica	68988-56-7	<2.2%
4. Xylene	1330-20-7	<0.8%
5. Pseudocumene	95-63-6	<0.2%
6. Benzene	71-43-2	<0.006%

SECTION III.

Hazardous Ingredients/Identify Information

NO.	CANCER	REPRO-TOX	TARGET ORGANS	ACGIH/TLV	OSHA/PEL
1	NO	NO	LUNG, KIDNEY, CNS	50 ppm	50 ppm
2	NO	NO	LUNG, KIDNEY, CNS	100 ppm	100 ppm
3	NO	NO	LUNG, KIDNEY, CNS	N/A	N/A
4	NO	NO	LUNG, KIDNEY, CNS	100 ppm	100 ppm
5	NO	NO	LUNG, BLOOD, CNS	N/A	N/A
6	YES	NO	ORGAN, BLOOD, CNS	10 ppm	1 ppm

HMIS CODES: Health - 2 Flammability - 3 Reactivity - 1

Personal protection rating to be supplied by user depending on use conditions.

SECTION IV.

First Aid Measures

Skin: Wash affected area immediately with large amounts of soap and water. Remove and wash contaminated clothing before reuse. Contact a physician if irritation occurs.

Eyes: Immediately flush thoroughly with large amounts of water for at least 15 minutes. Get medical attention.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

Ingestion: Do not induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

Product: **VERY SPECIAL SEPARATOR****SECTION V. Fire-Fighting Measures**

Flash Point:	-25 Degrees F (For product or lowest flash point ingredient)
Flammability Classification:	Flammable Class 1 A
Extinguishing Media:	Water fog, dry chemical, carbon dioxide, or foam.
Note:	Either atmosphere-supply or air-purifying respirators should be available for fire fighters. (20 CFR 1910.134)

SECTION VI. Accidental Release Measures

Spill:	Avoid contact with material. Persons not wearing proper protective equipment (See Section VIII) should be excluded from the area until clean up is complete. Dike area to prevent spill from spreading and scoop up excess to recovery containers. Absorb remnant on noncombustible material such as clay and place into containers for disposal.
--------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SECTION VII. Handling and Storage

Handling:	Avoid skin and eye contact. Avoid breathing vapor, mist or fumes. Wash with soap and water before eating, drinking or using toilet facilities. Observe conditions of good industrial hygiene and safe working practice.
Storage:	Store under cool, dry conditions and away from open flames and high temperatures. Ensure that all containers are properly labeled to prevent accidental ingestion. Reseal partly used containers.

SECTION VIII. Exposure Controls / Personal Protection

Overexposure/Personal Protection:	
Eyes:	Product is moderately irritating to the eyes. May cause redness, tearing, and blurred vision.
Protection:	Splash proof goggles or safety glasses with side shields.
Skin:	Product is moderately irritating to the skin and may cause defatting or skin sensitivity.
Protection:	Impervious gloves, neoprene or rubber gloves.
Inhalation:	Can cause nasal and respiratory irritation, CNS effects including dizziness, weakness, fatigue, nausea, headache, unconsciousness and even death.
Protection:	Not normally necessary unless the material is being used in such a way as to produce dust, mist, vapor, fumes, or smoke, in which a case NIOSH approved respiratory protection should be used. Ventilation should be sufficient to control any dust, mist, vapor or fumes produced by processing or handling method. Breathing of vapor must be avoided.
Ingestion:	Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause fatal chemical pneumonitis.
Protection:	Do not in any case ingest this material.
Chronic:	Exposure may damage peripheral nerve tissue and result in peripheral neuropathy. May cause kidney damage or CNS effects. Pre-existing disorders may be aggravated by solvents.
Other Protective Equipment:	Clean, body covering clothing and footwear.

SECTION IX.**Physical and Chemical Properties**

Physical State:	Liquid	Vapor Density:	NA
Color:	Clear	Odor:	NA
Specific Gravity:	0.70		
Density:	5.8 lbs./gal		
Solubility in Water:	NA*		
Boiling Point:	NA	* Not available.	

SECTION X.**Stability and Reactivity**

Stability:	Stable under normal storage conditions. Unstable at elevated temperatures.
Incompatibility:	Strong oxidizing agents, lewis or mineral acids, mineral and organic bases.
Hazardous Decomposition Products:	Oxides of carbon and silica and other unknown organic compounds.

SECTION XI.**Toxicological Information**

Cal Safe Drinking Water & Toxic Enforcement Act of 1986:

NO. COMPONENT	CAS.NO.	CANCER	REPRODUCTION TOXCITY	PERCENT
1. Hexane	110-540-3	NO	NO	<89%
2. Stoddard Solvent	8052-41-3	NO	NO	<2.5%
3. Trimethylsilica	68988-56-7	NO	NO	<2.2%
4. Xylene	1330-20-7	NO	NO	<0.8%
5. Pseudocumene	95-63-6	NO	NO	<0.2%
6. Benzene	71-43-2	YES	NO	<0.006%

This product may also contain traces of Prop. 65 listed chemicals as impurities. However, none are used as ingredients.

SECTION XII.**Ecological Information**

Please refer to Sections I thru XI.

SECTION XIII.**Disposal Considerations**

Waste Disposal Method:	Dispose of waste in accordance with federal, state and local regulations.
------------------------	---------------------------------------------------------------------------

SECTION XIV.**Transport Information**

Transport in accordance with local, state and federal regulations.

SECTION XV.**Regulatory Information**

CERCLA - 40 CFR 302.4

Releases exceeding the reportable quantity (RQ) must be reported to the national response center, (800) 424 - 8802.

OSHA - 29 CFR 302.4

According to OSHA criteria the following components are hazardous

NO. COMPONENT	CAS.NO.	PERCENT
1. Hexane	110-540-3	<89%
2. Stoddard Solvent	8052-41-3	<2.5%
3. Trimethylsilica	68988-56-7	<2.2%
4. Xylene	1330-20-7	<0.8%
5. Pseudocumene	95-63-6	<0.2%
6. Benzene	71-43-2	<0.006%

Product: **VERY SPECIAL SEPARATOR**

SECTION XV.

Regulatory Information (Cont.)

RCRA - 40 CFR 261.33

Product is a D001 ignitable liquid waste. The BDAT is incineration, fuels substitution or recovery.

SARA TITLE III - 52 CFR 13378, 52 CFR 21152

NO.	NO. RQ (lbs) (*1)	TPQ (lbs) (*2)	SEC. 313 (*3)	313 CAT. OR (*4)	311/312 (*5)
1	1 pound	Not Available	Listed	None	H1, H2, H3

Other SARA substance (s) if present are all below the de minimus concentration (s).

*1 = Reportable quantity of extremely hazardous substance, Sec. 302

*2 = Threshold planning quantity, extremely hazardous substance, Sec. 302

*3 = Toxic chemical, Sec. 313 (individual chemical listed)

*4 = Toxic release inventory form category Sec. 313 (40 CFR 372.65 C)

*5 = Hazard category for SARA Sec. 313/312 reporting

H1 = Immediate (acute) health hazard H2 = Delayed (chronic) health hazard P3 = Fire hazard

P4 = Sudden pressure release hazard P5 = Reactive hazard

TSCA - 44 CFR 59764

All components listed.

VOC - SCAQMD RULES

NO.	CHEMICAL	QUANTITY	VP mm HG	gms./l. @ 20 Degrees C
1	Hexane	<89%	125	623
2	Stoddard	<2.5%	2	20
3	Xylene	<1.0%	5.1	9

SECTION XVI.

Other Information

None.

The data herein relates to the product named and is based upon information that Dental Ventures of America, Inc. believes to be reliable and accurate. No warranty expressed or implied is intended. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. This information is offered solely for your consideration and interpretation.