

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

Manufacturer:	Siovation, LLC
Address:	
Telephone Number:	
Fax Number:	
Product Name:	TA-WT
Chemical Name:	Polysiloxane Oil In Water Emulsion
C.A.S. Number:	Proprietary Blend
Effective Date:	March 8, 1990
Revision Date:	March 4, 2009

II. COMPOSITION/INFORMATION ON INGREDIENTS

All components in this product are listed in the T.S.C.A. Inventory.

Product Composition/ C.A.S. Registration Number	Approximate Weight Percentage	Exposure Limits
None	None	None
Comments: Any components that are listed above are hazardous as defined in 29 CFR 1910.1200.		

III. HAZARDS IDENTIFICATION

Acute Effects

Eyes:	May cause slight irritation to the eyes and prolonged exposure may result in damage to the Cornea.
Skin:	Single exposure {hours} causes no known effect. Several repeated, prolonged exposures may cause slight irritation or dermatitis.
Inhalation:	Vapor or mist may cause mild respiratory irritation. Prolonged or repeated exposure may irritate the upper respiratory tract.
Ingestion:	Amounts transferred to the mouth by fingers, etc., during normal operations should not cause injury. Any excessive amounts may cause irritation to the stomach and recommend consulting a physician
Comment{s}:	Unnecessary exposure to any chemical is to be avoided. This product, as with any chemical, may enhance allergic conditions on certain people. There are no known, medical conditions aggravated by exposure to this product.

III. HAZARDS IDENTIFICATION (Continued)

Special Hazards

Carcinogens:	None known.
Mutagens:	None known.
Reproductive Toxins:	None known.
Sensitizers:	None known.

IV. FIRST AID MEASURES

Eyes:	Immediately upon exposure to the eyes, they should be flushed with plenty of fresh water, ensuring that under both the upper and lower lids are rinsed well for at least ten minutes. GET MEDICAL ATTENTION if irritation persists.
Skin:	Exposed skin should be thoroughly rinsed with fresh water to move the product from the exposed area as soon as possible. If irritation persists, CONSULT A PHYSICIAN.
Inhalation:	Move affected person into fresh air. Keep person calm and under observation. If breathing difficulties or irritation persists, CONSULT A PHYSICIAN.
Ingestion:	Immediately rinse mouth and drink plenty of water. Keep person under observation. Never give anything by mouth to an unconscious person. If person becomes uncomfortable CONSULT A PHYSICIAN.
Comment{s}:	The user assumes the liability to ensure that safe and prudent procedures are used in handling and using the product in order to ensure that personnel are not dangerously exposing the eyes and skin without proper safeguards.
NOTES TO PHYSICIAN:	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility of overexposure to materials <u>other</u> than this product. Treat symptomatically. No specific antidote available.

V. FIRE AND EXPLOSION HAZARD

Flash Point:	250°F
{Method}:	P.M.C.C.
Auto Ignition Temperature:	Not determined.
Flammability Limits In Air:	Not determined.
Extinguishing Media:	All standard firefighting media.
Hazardous Decomposition Products:	This product contains polydimethylsiloxane which can generate formaldehyde at approximately 300°F (150°C) and above in atmospheres containing oxygen. Other decomposition products are carbon oxides, sulfur oxides, nitrogen oxides, and silica (crystalline).

VI. ACCIDENTAL RELEASE MEASURES

Containment / Clean-Up:	<p>Disposal of collected product, residues, and clean-up materials may be governmentally regulated. Observe all. Keep unnecessary personnel away from site of spill. If safe to do so, shut off release. Caution: Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid material generated to create dikes, into suitable containers for recovery or disposal. Collected product, residues, and clean-up materials may be governmentally regulated; see Section XIII for Disposal Consideration.</p> <p>CAUTION: Keep spills and all cleaning runoff efforts out of municipal sewers and open bodies of water.</p> <p>Clean any remaining slippery surfaces by appropriate techniques, such as: Mopping or high-pressure steam for large areas, etcetera.</p> <p>Observe all personal protection equipment recommendations described in Section VIII.</p> <p>Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section XV.</p>
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VII. HANDLING AND STORAGE

Handling:	Keep container closed when not in use. Avoid direct or prolonged contact with skin and eyes. Avoid breathing vapors and mists.
Storage:	Store in tightly closed containers. Store in an area dry and well-ventilated; away from incompatible material (see Section X). Protect from freezing and container from damage.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	<p>Local Exhaust: None expected to be required.</p> <p>General Ventilation: Recommended.</p>
Personal Protective Equipment For Routine Handling:	<p>Eyes: Use proper protection, safety glasses as a minimum or preferably chemical splash goggles (ANSI Z87.1 or approved equivalent).</p> <p>Skin: Washing at mealtime and end of shift is adequate.</p> <p>Suitable Gloves: Nitrile glove.</p> <p>Inhalation: No respiratory protection should be needed.</p> <p>Suitable Respirator: If irritation is experienced, NIOSH approved respirator should be worn.</p>
Personal Protective Equipment For Spills:	<p>Eyes: Use proper protection, safety glasses as a minimum or preferably chemical splash goggles (ANSI Z87.1 or approved equivalent).</p> <p>Skin: Washing at mealtime and end of shift is adequate.</p> <p>Inhalation/Suitable Respirator: If irritation is experienced, NIOSH approved respirator is recommended. A respiratory protection program meeting OSHA 1910.134 requirements are to be followed whenever workplace conditions warrant a respirators use.</p> <p>Precautionary Measures: Facility is to be equipped with eyewash and safety showers close to point of product usage. Avoid eye contact. Avoid skin contact. Use reasonable care.</p> <p>Comments: These precautions are for room temperature handling. Use at elevated temperatures, or in aerosol/spray applications, may require added precautions.</p>

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance:	Liquid
Color:	Milky White
Odor:	Mild Odor
Specific Gravity @ 25°C:	1.01
Viscosity:	1.000 cps
Solubility In Water:	Dispersible
Volatile Content:	Water (94%)
pH:	5.5
Note: The above information is not intended for use in preparing product specifications. Contact manufacturer before writing specifications.	

X. STABILITY AND REACTIVITY

Chemical Stability:	Stable. Thermal decomposition is dependent on time and temperature.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions To Avoid:	None known.
Materials To Avoid:	Oxidizing material can cause a reaction.
Comments:	None.

XI. TOXICOLOGICAL INFORMATION

Product does not contain any substances at levels considered by OSHA, NTP, IARC or ACGIH to be human carcinogens. Complete information is not yet available.

XII. ECOLOGICAL INFORMATION

Complete information is not yet available.

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: Recovery and reuse, rather than disposal, should be the ultimate goal of handling efforts. The material resulting from clean-up operations may be hazardous wastes and therefore, subject to specific regulations. Chemical additions, processing or other alterations of this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. This product, due to these alterations, may be classified as a RCRA Hazardous waste in accordance with 40 CFR 261. According to RCRA, it is the responsibility of the waste generator to ensure proper disposal. In addition, be advised state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

XIV. TRANSPORTATION INFORMATION

W.H.M.I.S. Classification:	Not Controlled
Proper Shipping Name (49 CFR 172.101):	Not Listed (None)
D.O.T. Hazard Name (49 CFR 172.101):	None
D.O.T. Identification Number (49 CFR 172.101):	None
D.O.T. Hazard Class (49 CFR 172.101):	None
R.C.R.A. Hazard Class (40 CFR 261) [If Discarded]:	None
E.P.A. Priority Pollutants (40 CFR 122.53):	None

XV. REGULATORY INFORMATION

O.S.H.A. Status:	Contents of this MSDS comply with the O.S.H.A. Hazard Communication Standard 29 CFR 1910.1200.
T.S.C.A. Status:	All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.
D.S.L. (Canada):	All chemical substances found in this product are listed.

E.P.A. SARA Title III Chemical Listing:	Section 302 Extremely Hazardous Substances:	None	
	Section 304 C.E.R.C.L.A. Hazardous Substances:	RQ (None)	
	Section 312 Hazard Class:	Acute:	No
		Chronic:	No
		Fire:	No
		Pressure:	No
		Reactive:	No
	Section 313 Toxic Chemicals:	None present or none present in reportable quantities.	

The information and recommendations set forth in this Material Safety Data Sheets relate only to the **Siovation** products referenced herein (the "Products") and are offered in good faith and believed by **Siovation, LLC** to be correct. This document is only intended as a guide to the precautionary handling of the Products by an appropriately-trained person. Each user of the Products should review this information and these recommendations to determine their relevance and applicability in the specific context in which the Products are to be used. **SIOVATION, LLC MAKES NO (A) REPRESENTATIONS AS TO THE ACCURACY AND COMPLETENESS OF SUCH INFORMATION AND RECOMMENDATIONS, OR (B) REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MECHANABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE WITH RESPECT TO THE INFORMATION AND RECOMMENDATIONS OR WITH RESPECT TO THE PRODUCT TO WHICH THE INFORMATION REFERS.**

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