



1. Identification	
Product Name(Identifier)	TST Base
Manufacturer	Total Systems Technology Inc.
Address	65 Terence Drive, Pittsburgh, PA 15236
Phone Number	412-653-7690
Emergency Phone Number	800-245-4828
Recommended Use	Automotive paint brightener
Restrictions on Use	Not for use on skin

2. Hazard Identification	
Hazard Statements	H305: May be harmful if swallowed and enters airways H335: May cause respiratory irritation H373: May cause damage to organs through prolonged or repeated exposure.
Precautionary Statements	P262: Do not get in eyes, on skin, or on clothing P264: Wash skin thoroughly after handling P270: Do not eat, drink or smoke when using this product
Signal Word	Warning

Pictograms

Health Haz	Irritant
	

3. Composition/ Information on Ingredients	
Substances	%
Dow Corning [®] 536 Fluid	1-5%
Xiameter [®] OFX-0531 Fluid	5-10%
Active #18	1-5%
Kensol 30 (Regular Mineral Spirits)	10-25%
Isostearic Acid	<1%
Isopar M	10-25%
Water	25-50%
Minusil (Silica Sand)	5-10%
Rhoplex VSR-50 Emulsion	<1%

Trade Secret Claims	The exact concentrations of these ingredients are being withheld in accordance with the OSHA 1910.1200 (i).
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4. First Aid Measures	
Symptoms	Irritant to eyes, skin, nose, throat. Can cause irritation to respiratory tract, dizziness, drowsiness.
Required Treatment	<p>Inhalation: Remove victim from further exposure, seek immediate medical attention. Put victim in fresh air.</p> <p>Skin: Wash skin with soap and water. Remove contaminated clothing and launder before reuse.</p> <p>Eyes: Flush eyes with water for 15 minutes. Lift under each eyelids.</p> <p>Oral: Do not induce vomiting. Keep head below hips if vomiting occurs spontaneously.</p>
	Seek medical help if symptoms continue/worsen

5. Fire-fighting Measures	
Extinguishing Techniques	Use water spray fog, foam, dry, or dry chemical.
Proper Equipment	Self-contained breathing apparatus and fire retardant clothing.
Chemical Hazards from Fire	CO ₂ and CO
Not acceptable Techniques	Not determined

6. Accidental Release Measures	
Emergency Procedures	Remove possible ignition sources. Isolate area and avoid contact or inhalation.
Emergency Equipment	Wear SCBA and fire retardant clothing.
Proper method of cleanup	Approach release from upwind. Move container from area. Absorb with inert material (dry earth, sand). Scrape waste and dispose of properly.

7. Handling and Storage	
Precautions for Safe Handling	Avoid Skin contact. Avoid breathing in vapors. Wear PPE outlined in Section 8.

Precautions for Safe Storage	Store upright in a sealed container at ambient temperatures. Ground and bond all drums. Avoid possible ignition sources. Do not reuse container.
Incompatibilities	Oxidizers.

8. Exposure Controls/ Personal Protective Equipment	
OSHA PEL	Kensol 30= 500 ppm TWA
NIOSH REL	Not determined
ACGIH TLV	Kensol 30= 100 ppm
Appropriate Engineering Controls	Use adequate ventilation. Keep eye wash stations and sinks nearby.
Personal Protective Equipment	<p>Respirators: Without ventilation, in large quantities, or in confined spaces use a half mask with organic filters.</p> <p>Hands: Chemical Resistant Gloves</p> <p>Eye: Chemical Splash shield or goggles</p> <p>Skin: Long sleeves and long pants.</p>

9. Physical/Chemical Properties	
Appearance	Cream
Odor	Faint solvent/hydrocarbon odor
Odor Threshold	Not Determined
pH	7.4
Partition Coefficient	Not determined
Melting Point/Freezing Point	>180 F
Initial Boiling/ Freezing Point	Not Determined
Flammability (solid/gas)	N/A
Upper Flammability/Explosive Limits	Not Determined
Vapor Pressure	0-1 mm @ 68 F
Vapor Density	Not Determined
Relative Density	Not Determined
Water Solubility	Negligible
Specific Gravity	Not Determined
Flash Point	550 F
Viscosity	Not Determined
Explosive Properties	Not Determined
Oxidizing Properties	Not Determined

10. Stability/ Reactivity	
Reactivity	Stable

Chemical Stability	Stable
Possibility of Hazardous Reactions	CO ₂ , CO

11. Toxicological Information	
Acute Toxicity	Not determined
Inhalation	Irritation to upper respiratory tract
Oral	Not Determined
Dermal	Refer to specific organ repeated exposure.
Skin Corrosion/Irritation	Irritant
Serious Eye Irritation	Not Determined
Respiratory or skin sensitization/ mutagenicity	None
Carcinogenicity	Minimal Xiameter [®] OFX-0531 Fluid= Possible (IARC 2B) Kapolotie SF= Contains <.1-1% Silica (IARC 1)
Reproductive Toxicity	Not Determined
Specific Target Organ-Single Exposure	Not Determined
Specific Target Organ- Repeated Exposure	Internal organ effect , reversible after 4 weeks
Aspiration Hazard	Yes

12. Ecological Information	
Toxicity	Potentially Toxic to environment.
Persistence and Degradability	Not Determined
Mobility in soil	Not Determined

13. Disposal Considerations	
Waste Treatment Methods	Dispose of as hazardous waste due to components. Dispose of in accordance with local regulations.
Contaminated Packaging	Possible

14. Transport Information	
DOT (US)	Some components regulated under DOT.
UN number	1993
UN proper shipping name	Combustible Liquid
Transport hazard class(es)	3
Packing group, if applicable	III
Environmental hazards (e.g., Marine pollutant (Yes/No)	No
Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport	Products regulated under DOT do not make up the entire mixture. The above information is

	taken from highest % regulated component which is <30%.
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15. Regulatory Information	
All components listed on TSCA	

16. Other Information	
Preparation Date	10/15/2014
Revision Date	
Abbreviation	<p>OSHA- Occupational Safety and Health Administration NIOSH- National Institute for Occupational Safety and Health ACGIH- American Conference of Governmental Industrial Hygienists PEL- Permissible Exposure Limit REL- Recommended Exposure Limit TLV- Threshold Limit Value STEL- Short Term Exposure Limit TWA- Time Weighted Average (8 hr/day). Ppm-parts per million Mg/m³- milligrams per meters cubed</p>
Notice	<p>Judgments as to the suitability of information herein for purchaser’s purposes are the purchaser’s responsibility. TST has taken reasonable care in preparing above information to be as accurate as possible. TST makes no warranties, representations, and assumes no responsibility to the suitability of such information and for the application of said product and the consequences that occur.</p>