



Product Name: BIC WITE-OUT® Brand  
2 in 1 Correction Fluid

**SAFETY DATA SHEET**

Date Prepared:  
May 22, 2015                      Version 6

**SECTION 1 – IDENTIFICATION**

Product Name:	BIC WITE-OUT® Brand 2 in 1 Correction Fluid
Synonyms:	WP1 Fluid (Correction Fluid) WP2 Fluid (Correction Fluid)
Product Use:	Correction fluid
Manufacturer/ Vendor Information:	<p>Manufactured for/Distributed by: BIC Corporation One BIC Way, Suite 1 Shelton, CT 06484 USA (203) 783-2000 Emergency Telephone Number: (203) 783-2412</p> <p>Supplier Information: BIC Inc. 155 Oakdale Road Downsview, Ontario M3N 1W2 CANADA (416) 742-9173 x288 (Business hours)</p>
SDS Contact:	Product Safety
Telephone number:	(203) 783-2124

**SECTION 2 – HAZARDS IDENTIFICATION**

This product is a consumer product and is not subject to the requirements of OSHA HCS 2012. Nonetheless, this SDS, including the hazard identification in accordance with HCS/HazCom 2012, is provided for the information of product users.

Classification in accordance with 29 CFR § 1910.1200:	<p>Flammable Liquid – Category 2 Skin Sensitization – Category 1 Specific Target Organ Toxicity – Single Exposure (STOT-SE) – Category 3 (narcotic effects) Aspiration Hazard – Category 1</p>
Signal Word:	Danger
Hazard Statements:	<p>Highly flammable liquid and vapor. May cause an allergic skin reaction. May cause drowsiness or dizziness May be fatal if swallowed and enters airways</p>
Symbols:	
Precautionary Statements:	<p><b>Prevention:</b> Avoid breathing vapors. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.</p>

	<p>Use only outdoors or in a well-ventilated area.                  Wear protective gloves/eye protection/face protection.                  Contaminated work clothing must not be allowed out of the workplace.</p> <p><u>Response:</u>                  Do NOT induce vomiting.                  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.                  If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                  If skin irritation or rash occurs: Get medical advice/attention.                  If swallowed: Immediately call a poison center/doctor.                  Wash contaminated clothing before reuse.</p> <p><u>Storage:</u>                  Store in a well-ventilated place. Keep cool.                  Store locked up.</p> <p><u>Disposal:</u>                  Dispose of contents/container in accordance with local / regional / national / international regulations.</p> <p>9% of the mixture consists of ingredients of unknown acute dermal toxicity.</p>
Any Hazards Not Otherwise Classified::	None
Consumer Label on the Product:	<p><b>CAUTION: FLAMMABLE</b>                  Keep away from fire or flame. Keep away from children. Do not swallow or inhale.  <b>WARNING: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.</b></p>
<b>For more information refer to Section 11 of this SDS</b>	

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Preparation:</b>		
<b>CAS No.</b>	<b>Chemical Name</b>	<b>% by Weight</b>
13463-67-7	Titanium dioxide	30-60
64741-66-8	Naphtha (petroleum), light alkylate	15-40
64742-49-0	Naphtha petroleum, hydrotreated light	15-40
162627-17-0	Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine	0.1-1

<b>SECTION 4 – FIRST-AID MEASURES</b>	
Eyes:	Quickly and gently blot or brush away chemical. Flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the chemical is removed. If irritation occurs, obtain medical advice.
Skin:	If irritation does occur, flush with lukewarm gently flowing water for 5 minutes or until chemical is removed. Remove contaminated clothing, shoes, and leather goods (e.g., watchbands) as the product is highly flammable. If irritation occurs, obtain medical advice.
Inhalation:	If breathing has stopped, trained personnel should begin artificial respiration (AR) or, if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Immediately transport victim to an emergency care facility.
Ingestion:	<b>DO NOT INDUCE VOMITING.</b> Aspiration hazard if swallowed. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Transport victim to an emergency care facility if necessary.
<b>Most Important Symptoms and Effects, Both Acute and Delayed</b>	
Symptoms/Injuries after Inhalation:	Deliberately concentrating and inhaling this product can lead to Central Nervous System (CNS) effects, unconsciousness and/or death. Product may be irritating if inhaled accidentally.
Symptoms/Injuries after Skin Contact:	Contact may cause skin sensitization upon repeated or prolonged contact.
Symptoms/Injuries after Eye Contact:	Mild eye irritation may occur if product comes in contact with eyes.
Symptoms/Injuries after Ingestion:	Ingestion of this product may cause CNS depression, symptoms of which may include; weakness, dizziness, slurred speech, drowsiness, unconsciousness and in cases of severe overexposure; coma and death. Ingestion of this product may lead to aspiration of the liquid, especially if vomiting occurs. This may result in chemical pneumonitis (inflammation of the lungs) and/or pulmonary edema (an accumulation of fluid in the lungs).
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	
Treat symptomatically	

<b>SECTION 5 – FIRE-FIGHTING MEASURES</b>	
Extinguishing Media:	Suitable: CO <sub>2</sub> , Foam, Dry Chemical Unsuitable: Water stream or jet
Conditions of Flammability:	<b>HIGHLY FLAMMABLE.</b> Can release vapors that form flammable mixtures at or above the flash point.
Special Firefighting Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, reactive hydrocarbons, carbonyl compounds, smoke and irritating vapors may be formed on combustion.

<b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>	
Personal Precautions:	Highly flammable liquid. Ventilate area.
Methods for Containment and Cleaning Up:	Avoid contaminating sewers, streams, rivers and other watercourses with spilled material. Absorb with inert absorbent material (do not use combustible materials like cloth or paper) and dispose of properly.

<b>SECTION 7 – HANDLING AND STORAGE</b>	
<b>Handling</b>	
Precautions for Safety Handling:	Highly flammable liquid. Avoid contact with skin and eyes. Wash thoroughly after handling this product if in contact with skin. Avoid contact with heat and sources of ignition.
<b>Storage</b>	Store in a cool, dry, well-ventilated area. Store away from incompatible and reactive materials (See Section 10). Keep container tightly closed. Store away from heat and sources of ignition.

<b>SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>		
Control parameters		
Chemical Name	CAS Number	Exposure Limits
Titanium dioxide	13463-67-7	ACGIH: (TLV-TWA) 10 mg/m <sup>3</sup> OSHA: (PEL-TWA) 15 mg/m <sup>3</sup>
Naphtha, petroleum, hydrotreated light	64742-49-0	ACGIH: (TLV-TWA) 400 ppm ACGIH: (TLV-STEL) 500 ppm OSHA: (PEL-TWA) 500 ppm (Recommended based on a similar product – Heptane)
The selection of personal protective equipment varies, depending upon the conditions of use. Use equipment appropriate to your particular use pattern.		
Engineering Measures:	For normal application, special ventilation is not necessary.	
Eye Protection:	Not required under normal use conditions.	
Hand Protection:	None necessary under normal use conditions.	
Skin and Body Protection:	None necessary under normal use conditions.	
Respiratory Protection:	None necessary under normal use conditions.	

ACGIH = American Conference of Governmental Industrial Hygienists  
 OSHA = Occupational Safety & Health Administration  
 PEL = Permissible Exposure Limit  
 TLV = Threshold Limit Values  
 TWA = Time-Weighted Average  
 STEL = Short-Term Exposure Limit

<b>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance & Physical State:	Free flowing white liquid.
Odor:	Petroleum solvent odor
Odor Threshold:	Not Available
pH:	Not Available
Melting Point:	Not Available.
Boiling Point:	95.6-113.9°C (204-237°F)
Flash point:	WP1: -5°C (23°F) (Seta Flash Closed Cup) WP2: 7°C (45°F) (Closed Cup)
Evaporation Rate:	0.89-1.08 (Butyl Acetate=1)
Flammability (solid/gas):	Highly flammable vapors
Flammable Limits in Air	
Lower (LFL):	1.7% by volume
Upper (UFL):	12.3 % by volume

Vapor Pressure:	26-49 mmHg at 20°C
Vapor Density:	3.4-4.0 (estimated) (air =1)
Density/Specific Gravity:	1.25 (Water =1)
Solubility in Water:	0.1 g/L at 20°C
Octanol/ Water Partition Coefficient	Not Available
Auto-ignition Temperature:	~246.1°C (based on Petroleum Solvent - approximate)
Decomposition Temperature:	Not Available
Viscosity:	Not Available

**SECTION 10 – STABILITY AND REACTIVITY**

Reactivity:	This product is stable under the normal conditions of use.
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	Not expected to undergo hazardous polymerization.
Conditions to avoid:	Avoid heat sources, sparks or flames and static discharge.
Incompatible Materials:	Avoid strong oxidizing or reducing agents, strong acids and strong bases.
Hazardous Decomposition Products:	Not expected to undergo decomposition.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

<b>Routes of Entry:</b>	Skin contact, Inhalation, Eye contact, Skin Absorption, Ingestion		
<b>Acute Toxicity</b>			
<i>Product data:</i>			
<u>Route &amp; Species</u>	<u>Value</u>		
Oral; rat, LD <sub>50</sub>	>15 g/kg		
Inhalation; rat LC <sub>50</sub>	90-169.4 mg/L/1H		
Dermal, ATE	>5 g/kg		
ATE = acute toxicity estimate			
<i>Ingredient data:</i>			
<u>Chemical</u>	<u>CAS#</u>	<u>Route &amp; Species</u>	<u>Value</u>
Titanium dioxide	13463-67-7	Dermal; rabbit, LD <sub>50</sub>	>10 000 mg/kg
Naphtha (petroleum), light alkylate	64741-66-8	Dermal; rabbit, LD <sub>50</sub>	>2000 mg/kg
Naphtha petroleum, hydrotreated light	64742-49-0	Dermal; rabbit, LD <sub>50</sub>	>3160 mg/kg
Eye Irritation:	Not expected to be an eye irritant based on the results of an <i>in vitro</i> ocular tolerance test.		
Skin Irritation:	Not expected to be a primary skin irritant based on the results of a human skin patch test and an <i>in vitro</i> test.		
Ingestion Effects:	Ingestion of this product may cause CNS Depression, symptoms of which may include; weakness, dizziness, slurred speech, drowsiness, unconsciousness		

	and in cases of severe overexposure; coma and death. Ingestion of this product may lead to aspiration of the liquid, especially if vomiting occurs. This may result in chemical pneumonitis (inflammation of the lungs) and/or pulmonary edema (an accumulation of fluid in the lungs).
Inhalation Effects:	Deliberately concentrating and inhaling this product can lead to CNS effects, unconsciousness and/or death.
Skin Sensitization:	This product contains a component (at >= 1%) that can cause skin sensitization. Therefore, this product is considered to be a skin sensitizer when handled in bulk. However, the product is packaged in a pen-like applicator, which significantly limits exposure to the product; therefore, it is not expected to pose skin sensitization risk under normal conditions of use.
Respiratory Tract Sensitization:	Contact with this product is not expected to cause respiratory tract sensitization, based upon the available data and the known hazards of the components.
<b>Chronic Toxicity</b>	
Carcinogenicity:	Based on the known hazards of the components, the product is not expected to pose a carcinogenicity risk.
Mutagenicity:	This product is not known to contain any components at >= 0.1% that have been shown to cause mutagenicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a mutagen.
Reproductive Toxicity:	This product is not known to contain any components at >= 0.1% that have been shown to cause reproductive toxicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a reproductive toxin.
Teratogenicity/Embryotoxicity:	This product is not known to contain any components at >= 0.1% that have been shown to cause teratogenicity and/or embryotoxicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a teratogen/embryotoxin.
Other Chronic Effects:	Repeated and chronic product abuse such as deliberately concentrating and inhaling this product can result in adverse effects to the CNS such as drowsiness, dizziness and potentially serious long-term health effects.

**SECTION 12 – ECOLOGICAL INFORMATION**

Ecotoxicity:	Not Available
Persistence/ Degradability:	Not Available
Bioaccumulation:	Not Available
Mobility:	Not Available
Other Adverse Effects:	Not Available

**SECTION 13 – DISPOSAL CONSIDERATIONS**

Waste Disposal Method:	In accordance with local, provincial/territorial or federal guidelines and regulations
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<b>SECTION 14 – TRANSPORT INFORMATION</b>				
	Shipping name	UN Number	Hazard Class	PG
DOT (US)	For domestic transport by road, rail and cargo:  Proper Shipping Name: Coating solution  Product packaged in containers less than 5 liters can be shipped as <b>Limited quantity</b> or <b>Consumer Commodity</b>	1139	3	II
IMDG	For International transport by cargo vessel, road, rail: Proper shipping name: <b>Coating Solution</b> NOTE: Shipped as Limited Quantity	1139	3	II
IATA	For international transport by Air: Proper Shipping Name: <b>Consumer Commodity</b>	ID8000	9	

DOT = Department of Transport  
 IMDG = International Maritime Dangerous Goods  
 IATA = International Air Transport Association

<b>SECTION 15 – REGULATORY INFORMATION</b>		
<b>OSHA Classification:</b> (OSHA Hazard Communication Standard (29 CFR §1910.1200))		
This product has been classified in accordance with the hazard criteria of OSHA's HCS/HazCom 2012 and the SDS contains all the information required by the 29 CFR § 1910.1200		
Other Hazard Ratings:		
	NPCA/HMIS	NFPA 704
Health:	1	1
Flammability:	3	3
Reactivity:	0	0
<b>All the ingredients in the product are listed on the TSCA inventory. This product requires no labeling as per the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). None of the ingredients in this product are Class I or Class II ozone depletors. None of the ingredients in this product are listed as an Extremely Hazardous Substance under the RCRA, SARA 302/313, Clean Air Act, and Clean Water Act.</b>		
<b>Regulated under SARA 311/312</b>	<b>Acute: no</b>	<b>Chronic: no</b> <b>Fire: no</b>

<b>SECTION 16 – OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION</b>
Preparation Date: May 22, 2015 Supersedes Date: February 6, 2013
Disclaimer: The information given is based on data currently available to us and is believed to be correct. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. No responsibility is assumed for injury or damage from the use of the products described herein.




Product Name: BIC WITE-OUT® Brand  
2 in 1 Correction Fluid

**SAFETY DATA SHEET**

Date Prepared:  
May 22, 2015

Version 6

<b>SECTION 1 – IDENTIFICATION</b>	
Product Name:	BIC WITE-OUT® Brand 2 in 1 Correction Fluid
Synonyms:	WP1 Fluid (Correction Fluid) WP2 Fluid (Correction Fluid)
Product Use:	Correction fluid
Manufacturer/ Vendor Information:	<p>Manufactured for/Distributed by: BIC Corporation One BIC Way, Suite 1 Shelton, CT 06484 USA (203) 783-2000 Emergency Telephone Number: (203) 783-2412</p> <p>Supplier Information: BIC Inc. 155 Oakdale Road Downsview, Ontario M3N 1W2 CANADA (416) 742-9173 x288 (Business hours)</p>
SDS Contact:	Product Safety
Telephone number:	(203) 783-2124

<b>SECTION 2 – HAZARDS IDENTIFICATION</b>	
<p>This product is a consumer product and is not subject to the requirements of OSHA HCS 2012. Nonetheless, this SDS, including the hazard identification in accordance with HCS/HazCom 2012, is provided for the information of product users.</p>	
Classification in accordance with 29 CFR § 1910.1200:	Flammable Liquid – Category 2 Skin Sensitization – Category 1 Specific Target Organ Toxicity – Single Exposure (STOT-SE) – Category 3 (narcotic effects) Aspiration Hazard – Category 1
Signal Word:	Danger
Hazard Statements:	Highly flammable liquid and vapor. May cause an allergic skin reaction. May cause drowsiness or dizziness May be fatal if swallowed and enters airways
Symbols:	
Precautionary Statements:	<b>Prevention:</b> Avoid breathing vapors. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.



	<p>Use only outdoors or in a well-ventilated area.                  Wear protective gloves/eye protection/face protection.                  Contaminated work clothing must not be allowed out of the workplace.</p> <p><u>Response:</u>                  Do NOT induce vomiting.                  If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.                  If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                  If skin irritation or rash occurs: Get medical advice/attention.                  If swallowed: Immediately call a poison center/doctor.                  Wash contaminated clothing before reuse.</p> <p><u>Storage:</u>                  Store in a well-ventilated place. Keep cool.                  Store locked up.</p> <p><u>Disposal:</u>                  Dispose of contents/container in accordance with local / regional / national / international regulations.</p> <p>9% of the mixture consists of ingredients of unknown acute dermal toxicity.</p>
Any Hazards Not Otherwise Classified::	None
Consumer Label on the Product:	<p><b>CAUTION: FLAMMABLE</b>                  Keep away from fire or flame. Keep away from children. Do not swallow or inhale.  <b>WARNING: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.</b></p>
<b>For more information refer to Section 11 of this SDS</b>	

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Preparation:</b>		
<b>CAS No.</b>	<b>Chemical Name</b>	<b>% by Weight</b>
13463-67-7	Titanium dioxide	30-60
64741-66-8	Naphtha (petroleum), light alkylate	15-40
64742-49-0	Naphtha petroleum, hydrotreated light	15-40
162627-17-0	Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine	0.1-1

<b>SECTION 4 – FIRST-AID MEASURES</b>	
Eyes:	Quickly and gently blot or brush away chemical. Flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the chemical is removed. If irritation occurs, obtain medical advice.
Skin:	If irritation does occur, flush with lukewarm gently flowing water for 5 minutes or until chemical is removed. Remove contaminated clothing, shoes, and leather goods (e.g., watchbands) as the product is highly flammable. If irritation occurs, obtain medical advice.
Inhalation:	If breathing has stopped, trained personnel should begin artificial respiration (AR) or, if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Immediately transport victim to an emergency care facility.
Ingestion:	<b>DO NOT INDUCE VOMITING.</b> Aspiration hazard if swallowed. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Transport victim to an emergency care facility if necessary.
<b>Most Important Symptoms and Effects, Both Acute and Delayed</b>	
Symptoms/Injuries after Inhalation:	Deliberately concentrating and inhaling this product can lead to Central Nervous System (CNS) effects, unconsciousness and/or death. Product may be irritating if inhaled accidentally.
Symptoms/Injuries after Skin Contact:	Contact may cause skin sensitization upon repeated or prolonged contact.
Symptoms/Injuries after Eye Contact:	Mild eye irritation may occur if product comes in contact with eyes.
Symptoms/Injuries after Ingestion:	Ingestion of this product may cause CNS depression, symptoms of which may include; weakness, dizziness, slurred speech, drowsiness, unconsciousness and in cases of severe overexposure; coma and death. Ingestion of this product may lead to aspiration of the liquid, especially if vomiting occurs. This may result in chemical pneumonitis (inflammation of the lungs) and/or pulmonary edema (an accumulation of fluid in the lungs).
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	
Treat symptomatically	

<b>SECTION 5 – FIRE-FIGHTING MEASURES</b>	
Extinguishing Media:	Suitable: CO <sub>2</sub> , Foam, Dry Chemical Unsuitable: Water stream or jet
Conditions of Flammability:	<b>HIGHLY FLAMMABLE.</b> Can release vapors that form flammable mixtures at or above the flash point.
Special Firefighting Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, reactive hydrocarbons, carbonyl compounds, smoke and irritating vapors may be formed on combustion.

<b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>	
Personal Precautions:	Highly flammable liquid. Ventilate area.
Methods for Containment and Cleaning Up:	Avoid contaminating sewers, streams, rivers and other watercourses with spilled material. Absorb with inert absorbent material (do not use combustible materials like cloth or paper) and dispose of properly.

<b>SECTION 7 – HANDLING AND STORAGE</b>	
<b>Handling</b>	
Precautions for Safety Handling:	Highly flammable liquid. Avoid contact with skin and eyes. Wash thoroughly after handling this product if in contact with skin. Avoid contact with heat and sources of ignition.
<b>Storage</b>	Store in a cool, dry, well-ventilated area. Store away from incompatible and reactive materials (See Section 10). Keep container tightly closed. Store away from heat and sources of ignition.

<b>SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>		
Control parameters		
Chemical Name	CAS Number	Exposure Limits
Titanium dioxide	13463-67-7	ACGIH: (TLV-TWA) 10 mg/m <sup>3</sup> OSHA: (PEL-TWA) 15 mg/m <sup>3</sup>
Naphtha, petroleum, hydrotreated light	64742-49-0	ACGIH: (TLV-TWA) 400 ppm ACGIH: (TLV-STEL) 500 ppm OSHA: (PEL-TWA) 500 ppm (Recommended based on a similar product – Heptane)
The selection of personal protective equipment varies, depending upon the conditions of use. Use equipment appropriate to your particular use pattern.		
Engineering Measures:	For normal application, special ventilation is not necessary.	
Eye Protection:	Not required under normal use conditions.	
Hand Protection:	None necessary under normal use conditions.	
Skin and Body Protection:	None necessary under normal use conditions.	
Respiratory Protection:	None necessary under normal use conditions.	

ACGIH = American Conference of Governmental Industrial Hygienists  
 OSHA = Occupational Safety & Health Administration  
 PEL = Permissible Exposure Limit  
 TLV = Threshold Limit Values  
 TWA = Time-Weighted Average  
 STEL = Short-Term Exposure Limit

<b>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance & Physical State:	Free flowing white liquid.
Odor:	Petroleum solvent odor
Odor Threshold:	Not Available
pH:	Not Available
Melting Point:	Not Available.
Boiling Point:	95.6-113.9°C (204-237°F)
Flash point:	WP1: -5°C (23°F) (Seta Flash Closed Cup) WP2: 7°C (45°F) (Closed Cup)
Evaporation Rate:	0.89-1.08 (Butyl Acetate=1)
Flammability (solid/gas):	Highly flammable vapors
Flammable Limits in Air	
Lower (LFL):	1.7% by volume
Upper (UFL):	12.3 % by volume

Vapor Pressure:	26-49 mmHg at 20°C
Vapor Density:	3.4-4.0 (estimated) (air =1)
Density/Specific Gravity:	1.25 (Water =1)
Solubility in Water:	0.1 g/L at 20°C
Octanol/ Water Partition Coefficient	Not Available
Auto-ignition Temperature:	~246.1°C (based on Petroleum Solvent - approximate)
Decomposition Temperature:	Not Available
Viscosity:	Not Available

**SECTION 10 – STABILITY AND REACTIVITY**

Reactivity:	This product is stable under the normal conditions of use.
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	Not expected to undergo hazardous polymerization.
Conditions to avoid:	Avoid heat sources, sparks or flames and static discharge.
Incompatible Materials:	Avoid strong oxidizing or reducing agents, strong acids and strong bases.
Hazardous Decomposition Products:	Not expected to undergo decomposition.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

<b>Routes of Entry:</b>	Skin contact, Inhalation, Eye contact, Skin Absorption, Ingestion		
<b>Acute Toxicity</b>			
<i>Product data:</i>			
<u>Route &amp; Species</u>	<u>Value</u>		
Oral; rat, LD <sub>50</sub>	>15 g/kg		
Inhalation; rat LC <sub>50</sub>	90-169.4 mg/L/1H		
Dermal, ATE	>5 g/kg		
ATE = acute toxicity estimate			
<i>Ingredient data:</i>			
<u>Chemical</u>	<u>CAS#</u>	<u>Route &amp; Species</u>	<u>Value</u>
Titanium dioxide	13463-67-7	Dermal; rabbit, LD <sub>50</sub>	>10 000 mg/kg
Naphtha (petroleum), light alkylate	64741-66-8	Dermal; rabbit, LD <sub>50</sub>	>2000 mg/kg
Naphtha petroleum, hydrotreated light	64742-49-0	Dermal; rabbit, LD <sub>50</sub>	>3160 mg/kg
Eye Irritation:	Not expected to be an eye irritant based on the results of an <i>in vitro</i> ocular tolerance test.		
Skin Irritation:	Not expected to be a primary skin irritant based on the results of a human skin patch test and an <i>in vitro</i> test.		
Ingestion Effects:	Ingestion of this product may cause CNS Depression, symptoms of which may include; weakness, dizziness, slurred speech, drowsiness, unconsciousness		

	and in cases of severe overexposure; coma and death. Ingestion of this product may lead to aspiration of the liquid, especially if vomiting occurs. This may result in chemical pneumonitis (inflammation of the lungs) and/or pulmonary edema (an accumulation of fluid in the lungs).
Inhalation Effects:	Deliberately concentrating and inhaling this product can lead to CNS effects, unconsciousness and/or death.
Skin Sensitization:	This product contains a component (at >= 1%) that can cause skin sensitization. Therefore, this product is considered to be a skin sensitizer when handled in bulk. However, the product is packaged in a pen-like applicator, which significantly limits exposure to the product; therefore, it is not expected to pose skin sensitization risk under normal conditions of use.
Respiratory Tract Sensitization:	Contact with this product is not expected to cause respiratory tract sensitization, based upon the available data and the known hazards of the components.
<b>Chronic Toxicity</b>	
Carcinogenicity:	Based on the known hazards of the components, the product is not expected to pose a carcinogenicity risk.
Mutagenicity:	This product is not known to contain any components at >= 0.1% that have been shown to cause mutagenicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a mutagen.
Reproductive Toxicity:	This product is not known to contain any components at >= 0.1% that have been shown to cause reproductive toxicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a reproductive toxin.
Teratogenicity/Embryotoxicity:	This product is not known to contain any components at >= 0.1% that have been shown to cause teratogenicity and/or embryotoxicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a teratogen/embryotoxin.
Other Chronic Effects:	Repeated and chronic product abuse such as deliberately concentrating and inhaling this product can result in adverse effects to the CNS such as drowsiness, dizziness and potentially serious long-term health effects.

<b>SECTION 12 – ECOLOGICAL INFORMATION</b>	
Ecotoxicity:	Not Available
Persistence/ Degradability:	Not Available
Bioaccumulation:	Not Available
Mobility:	Not Available
Other Adverse Effects:	Not Available

<b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>	
Waste Disposal Method:	In accordance with local, provincial/territorial or federal guidelines and regulations

<b>SECTION 14 – TRANSPORT INFORMATION</b>				
	Shipping name	UN Number	Hazard Class	PG
DOT (US)	For domestic transport by road, rail and cargo:  Proper Shipping Name: Coating solution  Product packaged in containers less than 5 liters can be shipped as <b>Limited quantity</b> or <b>Consumer Commodity</b>	1139	3	II
IMDG	For International transport by cargo vessel, road, rail: Proper shipping name: <b>Coating Solution</b> NOTE: Shipped as Limited Quantity	1139	3	II
IATA	For international transport by Air: Proper Shipping Name: <b>Consumer Commodity</b>	ID8000	9	

DOT = Department of Transport  
 IMDG = International Maritime Dangerous Goods  
 IATA = International Air Transport Association

<b>SECTION 15 – REGULATORY INFORMATION</b>		
<b>OSHA Classification:</b> (OSHA Hazard Communication Standard (29 CFR §1910.1200))		
This product has been classified in accordance with the hazard criteria of OSHA's HCS/HazCom 2012 and the SDS contains all the information required by the 29 CFR § 1910.1200		
Other Hazard Ratings:		
	NPCA/HMIS	NFPA 704
Health:	1	1
Flammability:	3	3
Reactivity:	0	0
<b>All the ingredients in the product are listed on the TSCA inventory. This product requires no labeling as per the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). None of the ingredients in this product are Class I or Class II ozone depletors. None of the ingredients in this product are listed as an Extremely Hazardous Substance under the RCRA, SARA 302/313, Clean Air Act, and Clean Water Act.</b>		
<b>Regulated under SARA 311/312</b>	<b>Acute: no</b>	<b>Chronic: no</b> <b>Fire: no</b>

<b>SECTION 16 – OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION</b>
Preparation Date: May 22, 2015 Supersedes Date: February 6, 2013
Disclaimer: The information given is based on data currently available to us and is believed to be correct. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. No responsibility is assumed for injury or damage from the use of the products described herein.