

Issue Date 01-Aug-2013

Revision Date: 25-Sep-2013

Version 1

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

SDS # 60012-EU  
Product Code STU-S  
Product Name Show Touch Up-Sorrel  
Formula 60012

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Cover stains and blemishes

### 1.3. Details of the Supplier of the Safety Data Sheet

#### Supplier

Shapley's  
11650 Chitwood Dr.  
Fort Myers, FL 33908  
www.shapleys.com

#### For further information, please contact

Contact Point Phone: 239-415-2275  
Fax: 239-415-2277  
Email Address info@shapleys.com

### 1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

Aspiration toxicity	Category 1
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Chronic aquatic toxicity	Category 2
Flammable Aerosols	Category 1

**Classification according to 67/548/EEC**

Full text of R-phrases: see section 16

#### **Hazard Symbols**

F+ - Extremely flammable

Xn - Harmful

N - Dangerous for the environment

#### **R-code(s)**

F+;R12 - Repr. cat. 3;R62 - Xn;R48/20 - Xn;R65 - Xi;R38 - R67 - N;R51/53

### 2.2. Label Elements



#### **Signal Word**

Danger

#### **Hazard Statements**

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H340 - May cause genetic defects

H350 - May cause cancer

H361 - Suspected of damaging fertility or the unborn child

H373 - May cause damage to organs through prolonged or repeated exposure

H411 - Toxic to aquatic life with long lasting effects

H222 - Extremely flammable aerosol

**Precautionary Statements - EU (§28, 1272/2008)**

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P201 - Obtain special instructions before use

P281 - Use personal protective equipment as required

P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking

P211 - Do not spray on an open flame or other ignition source

P251 - Pressurized container: Do not pierce or burn, even after use

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P331 - Do NOT induce vomiting

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**2.3. Other Hazards****General Hazards**

None known

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures**

Chemical Name	EC No	CAS No	Weight-%	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Hexane	Present	110-54-3	57-63	F; R11 Xi; R38 N; R51-53 Repr.Cat.3; R62 Xn; R65-48/20 R67	Skin Irrit. 2 (H315) Repr. 2 (H361f) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam. Liq. 2 (H225) Skin Irrit. 2 (H315) Flam. Liq. 2 (H225) Repr. 2 (H361) STOT RE 2 (inhalation) STOT SE 3 ( ) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411)	Not determined
Petroleum gases, liquified, sweetened	Present	68476-86-8	27-33	f+; R12	Muta. 1B (H340) Carc. 1B (H350) Flam. Gas 1 (H220) Press. Gas	Not determined
Propylene glycol monomethyl ether acetate	Present	108-65-6	1-5	R10	Flam. Liq. 3 (H226) Flam. Liq. 3 (H226)	Not determined
Titanium dioxide	Present	13463-67-7	5-10	-	Carc. 2 (H351)	Not determined

**Full text of R-phrases: see section 16****Full text of H- and EUH-phrases: see section 16**

**SECTION 4: FIRST AID MEASURES****4.1. Description of First Aid Measures**

<b>General Advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Eye Contact</b>	If adverse effects occur, rinse eyes with large amounts of water until irritation subsides. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash with soap and water. Apply hand cream. Get medical attention if irritation occurs. Take off contaminated clothing. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Do not induce vomiting. Call a physician or poison control center immediately.

**4.2. Most Important Symptoms and Effects, Both Acute and Delayed**

<b>Symptoms</b>	Aspiration hazard: if swallowed can enter lungs and cause damage. Overexposure by inhalation can cause headaches, nausea, dizziness, decreased blood pressure. Can cause defatting of skin tissue. Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation.
-----------------	---

**4.3. Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Notes to Physician</b>	Treat symptomatically.
---------------------------	------------------------

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing Media****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

Not determined

**5.2. Special Hazards Arising from the Substance or Mixture**

Aerosol flame projection test: >18" extension at 70 F Aerosols are under pressure Aerosols may rupture violently at temperatures above 120 F Vapors may form explosive mixtures with air

**5.3. Advice for Firefighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

#### **Personal Precautions**

Use personal protective equipment as required. Remove all sources of ignition.

#### **For Emergency Responders**

Use personal protection recommended in Section 8.

### 6.2. Environmental Precautions

Collect spillage.

### 6.3. Methods and Material for Containment and Cleaning Up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Place in appropriate containers for disposal.

### 6.4. Reference to Other Sections

See Section 13, Disposal Considerations, for additional information.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

#### **Advice on Safe Handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wash thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Do not spray near open flame. Pressurized container: Do not pierce or burn, even after use. Do not drop. Avoid over-spraying onto floors-slippery surface may result.

#### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for Safe Storage, Including any Incompatibilities

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct sunlight. Do not store at temperatures above 120°F. Do not handle or store near any sources of ignition. Store locked up.

### 7.3. Specific End Use(s)

#### **Specific Use(s)**

Cover stains and blemishes.

#### **Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

#### Exposure Limits

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Hexane 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	STEL: 60 ppm STEL: 216 mg/m <sup>3</sup> TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 180 mg/m <sup>3</sup> Ceiling / Peak: 400 ppm Ceiling / Peak: 1440 mg/m <sup>3</sup>
Propylene glycol monomethyl ether acetate 108-65-6	S* TWA 50 ppm TWA 275 mg/m <sup>3</sup> STEL 100 ppm STEL 550 mg/m <sup>3</sup>	STEL: 100 ppm STEL: 548 mg/m <sup>3</sup> TWA: 50 ppm TWA: 274 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup>	S* STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> Ceiling / Peak: 50 ppm Ceiling / Peak: 270 mg/m <sup>3</sup>
Titanium dioxide 13463-67-7		STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	Skin
Component	Italy	Portugal	Netherlands	Finland	Denmark
Hexane 110-54-3 ( 57-63 )	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 50 ppm	STEL: 144 mg/m <sup>3</sup> TWA: 72 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> Skin	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>
Propylene glycol monomethyl ether acetate 108-65-6 ( 1-5 )	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin		TWA: 550 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> Skin
Titanium dioxide 13463-67-7 ( 5-10 )		TWA: 10 mg/m <sup>3</sup>			TWA: 6 mg/m <sup>3</sup>
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Hexane 110-54-3	STEL 80 ppm STEL 288 mg/m <sup>3</sup> TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	Skin STEL: 400 ppm STEL: 1440 mg/m <sup>3</sup> TWA: 50 ppm TWA: 180 mg/m <sup>3</sup>	TWA: 72 mg/m <sup>3</sup> Skin	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup> TWA: 40 ppm TWA: 275 mg/m <sup>3</sup> STEL: 30 ppm STEL: 108 mg/m <sup>3</sup> STEL: 60 ppm STEL: 343.75 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>
Propylene glycol monomethyl ether acetate 108-65-6	Skin STEL 100 ppm STEL 550 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup>	STEL: 50 ppm STEL: 275 mg/m <sup>3</sup> TWA: 50 ppm TWA: 275 mg/m <sup>3</sup>	STEL: 520 mg/m <sup>3</sup> TWA: 260 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> Skin STEL: 75 ppm STEL: 337.5 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 275 mg/m <sup>3</sup> STEL: 100 ppm STEL: 550 mg/m <sup>3</sup> Skin
Titanium dioxide 13463-67-7	STEL 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	STEL: 30 mg/m <sup>3</sup> TWA: 10.0 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>

### 8.2. Exposure Controls

#### Engineering Controls

Ensure adequate ventilation, especially in confined areas.

#### Personal Protective Equipment

##### Eye/Face Protection

Proper eye care is needed in all industrial operations.

##### Hand Protection

Gloves are not required for normal use.

##### Skin and Body Protection

Suitable protective clothing.

##### Respiratory Protection

Provide adequate ventilation.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Aerosol	<b>Odor</b>	Not determined
<b>Appearance</b>	Aerosols	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Sorrel		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not determined	
<b>Melting Point/Freezing Point</b>	< -40 °C / <-40 °F	
<b>Boiling Point/Boiling Range</b>	39-40 °C / 103-104 °F	
<b>Flash Point</b>	Not determined	
<b>Evaporation Rate</b>	Fast	
<b>Flammability (Solid, Gas)</b>	Flammable aerosol	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limits</b>	7.5%	
<b>Lower Flammability Limit</b>	1.2%	
<b>Vapor Pressure</b>	137 mm Hg	@ 21°C (70°F)
<b>Vapor Density</b>	>1	(Air=1)
<b>Specific Gravity</b>	0.644	(1=Water)
<b>Water Solubility</b>	Nil	
<b>Solubility(ies)</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

### 9.2. Other information

<b>VOC Content (%)</b>	99%
<b>Density</b>	5.378 weight/gal

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Not reactive under normal conditions

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of Hazardous Reactions

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

#### **Possibility of Hazardous Reactions**

None under normal processing.

### 10.4. Conditions to Avoid

Avoid temperatures above 120°F. Avoid direct sunlight.

### 10.5. Incompatible Materials

Oxidizers.

### 10.6. Hazardous Decomposition Products

None under normal use conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

#### Acute Toxicity

#### Product Information

**Eye Contact** Causes serious eye irritation.

**Skin Contact** Causes skin irritation.

**Inhalation** Avoid breathing vapors or mists.

**Ingestion** Do not taste or swallow.

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	28,778.00
UNITS	mg/kg
Dermal LD50	4,859.00
UNITS	mg/kg
Inhalation	
Vapor	80,000.00
UNITS	mg/L

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hexane	= 25 g/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 48000 ppm ( Rat ) 4 h
Propylene glycol monomethyl ether acetate	= 8532 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	
Titanium dioxide	> 10000 mg/kg ( Rat )		

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical Name	European Union
Petroleum gases, liquified, sweetened	Carc. 1B

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**STOT - single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.

**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Symptoms** Please see section 4 of this SDS for symptoms.

**Aspiration hazard** May be fatal if swallowed and enters airways.



## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Hexane		2.1 - 2.98: 96 h Pimephales promelas mg/L LC50 flow-through	1000: 24 h Daphnia magna mg/L EC50
Propylene glycol monomethyl ether acetate		161: 96 h Pimephales promelas mg/L LC50 static	500: 48 h Daphnia magna mg/L EC50

### 12.2. Persistence and Degradability

Not determined.

### 12.3. Bioaccumulative Potential

Chemical Name	Partition Coefficient
Petroleum gases, liquified, sweetened	2.8
Propylene glycol monomethyl ether acetate	0.43

### 12.4. Mobility in Soil

#### **Mobility**

Not determined.

### 12.5. Results of PBT and vPvB Assessment

Not determined.

### 12.6. Other Adverse Effects

Not determined

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

#### **Waste from Residues / Unused Products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Improper disposal or reuse of this container may be dangerous and illegal.

**SECTION 14: TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

**IMDG**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Hazard Class	2.1
14.4	
14.5 Marine Pollutant	This material may meet the definition of a marine pollutant
14.6	
14.7	

**RID**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols
14.3 Hazard Class	2.1
14.4	
14.5	
14.6	

**ADR**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols, flammable
14.3 Hazard Class	2.1
14.4	
14.5	
14.6	

**ICAO (air)**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols, flammable
14.3 Hazard Class	2.1
14.4	
14.5	
14.6	

**IATA**

14.1 UN/ID No	UN1950
14.2 Proper Shipping Name	Aerosols, flammable
14.3 Hazard Class	2.1
14.4	
14.5	
14.6	

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

#### **Occupational Illnesses (R-463-3, France)**

Chemical Name	French RG number	Title
Hexane 110-54-3	RG 59, RG 84	
Propylene glycol monomethyl ether acetate 108-65-6	RG 84	

#### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### **International Inventories**

<b>TSCA</b>	-
<b>EINECS/ELINCS</b>	-
<b>DSL/NDSL</b>	-
<b>PICCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>AICS</b>	-
<b>KECL</b>	-

#### **Legend**

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

### **15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier

**SECTION 16: OTHER INFORMATION****Full text of R-phrases referred to under sections 2 and 3**

R11 - Highly flammable  
R67 - Vapors may cause drowsiness and dizziness  
R62 - Possible risk of impaired fertility  
R38 - Irritating to skin  
R10 - Flammable  
R12 - Extremely flammable  
R65 - Harmful: may cause lung damage if swallowed  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation

**Full text of H-Statements referred to under sections 2 and 3**

H315 - Causes skin irritation  
H361f - Suspected of damaging fertility  
H336 - May cause drowsiness or dizziness  
H373 - May cause damage to organs through prolonged or repeated exposure  
H304 - May be fatal if swallowed and enters airways  
H411 - Toxic to aquatic life with long lasting effects  
H225 - Highly flammable liquid and vapor  
H361 - Suspected of damaging fertility or the unborn child  
H226 - Flammable liquid and vapor  
H220 - Extremely flammable gas  
H351 - Suspected of causing cancer  
H340 - May cause genetic defects  
H350 - May cause cancer

**Classification Procedure**

Calculation method

**Issue Date** 01-Aug-2013

**Revision Date:** 25-Sep-2013

**Revision Note** New format.

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010**

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**