

# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name                      Thermafuse Stylers Esculpt Gel

### Other means of identification

Synonyms                          None

### Recommended use of the chemical and restrictions on use

Recommended Use                Hair Styling Gel

Uses advised against            No information available

### Details of the supplier of the safety data sheet

Supplier Name                    Grayson O Company.

Supplier Address                PO Box 278  
Kannapolis  
NC  
28082  
US

Supplier Phone Number        Phone: 704-932-6195

Supplier Email                  Mark.ragan@go-labs.com

### Emergency telephone number

Company Emergency Phone  
Number                            704-932-6195

## 2. HAZARDS IDENTIFICATION


### Classification

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).



Skin sensitization	Category 1
Flammable liquids	Category 3

**GHS Label elements, including precautionary statements****Emergency Overview**

<b>Signal word</b>	<b>Warning</b>
<b>Hazard Statements</b> May cause an allergic skin reaction Flammable liquid and vapor	
	
<b>Appearance</b> White	<b>Physical state</b> Gel
	<b>Odor</b> Fruity Vanilla

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ ventilating/ lighting/ equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)

**Skin**

If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

**Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity****Other information**

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons  
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%	Trade Secret
SD Alcohol 40	61116-08-3	*	*
DMDM Hydantoin	6440-58-0	*	*
Triethanolamine 99%	102-71-6	*	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First aid measures****General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin contact**

May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.

**Ingestion**

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

**Self-protection of the first aider**

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

**Most important symptoms and effects, both acute and delayed****Most Important Symptoms and Effects**

Itching. Rashes. Hives.



**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

May cause sensitization of susceptible persons. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.**Unsuitable extinguishing media**

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Vapors can form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

**Uniform Fire Code**Sensitizer: Liquid  
Flammable Liquid: I-B**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data****Sensitivity to Mechanical Impact** No.**Sensitivity to Static Discharge** Yes.**Protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

**Other Information** Water spray may reduce vapor; but may not prevent ignition in closed spaces.

### Environmental precautions

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas.

### Methods and material for containment and cleaning up

**Methods for containment** A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

**Methods for cleaning up** Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
SD Alcohol 40 61116-08-3	-	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Triethanolamine 99% 102-71-6	TWA: 5 mg/m <sup>3</sup>	*	*

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

### Appropriate engineering controls

**Engineering Measures**

- Showers
- Eyewash stations
- Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection**                      Tight sealing safety goggles.

**Skin and body protection**                Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.

**Respiratory protection**                    No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures**                            Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical state</b>	Gel	<b>Odor</b>	Fruity Vanilla
<b>Appearance</b>	Opaque	<b>Odor Threshold</b>	No information available
<b>Color</b>	White		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks</u></b>	<b><u>Method</u></b>
pH	6.80		
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	43.3° C / 110° F		
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			

Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	slightly insoluble	
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None known
Oxidizing properties	No data available	None known

**Other Information**

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
SD Alcohol 40 61116-08-3	= 5840 mg/kg(Rat) OECD = 401 (Human =100ml)	>12,800 mg/kg (Rabbit)	>10000 ppm (Rat),6h
DMDM Hydantoin 6440-58-0	= 3300 mg/kg (Rat)		4h, >5 mb/1

**Information on toxicological effects**

**Symptoms** Itching. Rashes. Hives.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause sensitization of susceptible persons. May cause sensitization by skin contact.

**Mutagenic Effects** No information available.

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
SD Alcohol 40 61116-08-3	*	*	Known	*

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No known effect based on information supplied.

**Target Organ Effects** Skin.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

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

Not applicable



## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
SD Alcohol 40 61116-08-3			EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	
Propylene Glycol 57-55-6	96h EC50: 19,000 mg/L Pseudo Kirchneriella Subcapitata (Green Algae))	96h LC50: 40,613 mg/L Oncorhynchus Mykiss (Rainbow Trout)	EC50: >1,000 mg/L 3h	48h EC50: 18,340 mg/L
Triethanolamine 99% 102-71-6	*	96h LC50: 10610 – 13010 mg/L. Pimephales promelas (Fathead minnow)	*	48h EC50: 565.2 – 658.3 mg/L (Ceriodaphnia dubia)

### Persistence and Degradability

No information available.

### Bioaccumulation

No information available

### Other adverse effects

No information available.

## 14. TRANSPORT INFORMATION

### DOT

Proper Shipping Name	CONSUMER COMMODITY
Hazard Class	ORM-D
Description	CONSUMER COMMODITY, ORM-D
Emergency Response Guide Number	127

### TDG

UN-No.	UN1170
Proper Shipping Name	ETHANOL
Hazard Class	3
Packing Group	III
Description	UN1170, ETHANOL, 3, III

### MEX

UN-No.	UN1170
Proper Shipping Name	ETHANOL
Hazard Class	3
Packing Group	III
Description	UN1170, ETHANOL, 3, III

### ICAO

UN-No.	UN1170
Proper Shipping Name	ETHANOL
Hazard Class	3
Packing Group	III
Description	UN1170, ETHANOL, 3, III

**IATA**

UN-No.	UN1170
Proper Shipping Name	ETHANOL
Hazard Class	3
Packing Group	III
Description	UN1170, ETHANOL, 3, III

**IMDG/IMO**

UN-No.	UN1170
Proper Shipping Name	ETHANOL
Hazard Class	3
Packing Group	III
EmS-No.	F-E, S-D
Description	UN1170, ETHANOL, 3, III, (22°C C.C.)

**RID**

UN-No.	UN1170
Proper Shipping Name	ETHANOL SOLUTION
Hazard Class	3
Packing Group	III
Classification code	F1
Description	UN1170, ETHANOL SOLUTION, ENVIRONMENTALLY HAZARDOUS, 3, III

**ADR**

UN-No.	UN1170
Proper Shipping Name	ETHANOL SOLUTION
Hazard Class	3
Packing Group	III
Classification code	F1
Tunnel restriction code	(D/E)
Description	UN1170, ETHANOL SOLUTION, ENVIRONMENTALLY HAZARDOUS, 3, III

**ADN**

UN-No.	UN1170
Proper Shipping Name	ETHANOL SOLUTION
Hazard Class	3
Packing Group	III
Classification code	F1
Special Provisions	144, 601
Description	UN1170, ETHANOL SOLUTION, ENVIRONMENTALLY HAZARDOUS, 3, III
Hazard Labels	3
Limited Quantity	5 L
Ventilation	VE01

**15. REGULATORY INFORMATION****International Inventories**

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.
IECSC	-

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations****SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
SD Alcohol 40 61116-08-3	Developmental
Triethanolamine 99% 102-71-6	Developmental

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
SD Alcohol 40 61116-08-3		X		X	
Triethanolamine 99% 102-71-6	X	X	X		

**International Regulations**

Component	Carcinogen Status	Exposure Limits
SD Alcohol 40 61116-08-3		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m <sup>3</sup>

:  
Canada  
WHMIS Hazard Class  
Not determined

**16. OTHER INFORMATION**

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NFPA	Health Hazards	2	Flammability	3	Instability	0	Physical and Chemical Hazards	-
HMIS	Health Hazards	2	Flammability	3	Physical Hazard	0	Personal Protection	X

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**Disclaimer**

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**End of Safety Data Sheet**