

# Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 12/19/2016 Version: 3.0

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

## 1.1. Product identifier

Product name

: Tuff Stuff 1286C Low VOC

Product form

: Mixture

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

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

New Nautical Coatings, Inc. Sea Hawk Premium Yacht Finishes 14805 49th Street North Clearwater, FL 33762 USA Only: 1-800-528-0997 International: (727) 523-8053

#### 1.4. Emergency telephone numbers

Emergency number

- : CHEMTREC day or night inside USA & Canada 1-800-424-9300
- : CHEMTREC day or night outside USA & Canada
- +1-703-741-5970
- : Poison Control Center
- 1-800-222-1222

# **SECTION 2: Hazards identification**

2.1. Classification of the substance or mix	cture
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# **Classification (GHS-US)**

Flam. Lig. 3	H226
Skin Irrit. 2	H315
Eye Dam. 1	H318
Skin Sens. 1	H317
Muta. 1B	H340
Carc. 1A	H350
STOT RE 1	H372
Asp. Tox. 1	H304
Aquatic Chronic 3	H412

#### 2.2. Label elements

## **GHS-US** labeling

Hazard pictograms (GHS-US)

Signal word (GHS-US) Hazard statements (GHS-US)

Precautionary statements (GHS-US)

GHS02 GHS05 GHS07 GHS08

## Danger

- : H226 Flammable liquid and vapor
- H304 May be fatal if swallowed and enters airways
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H340 May cause genetic defects
- H350 May cause cancer
- H372 Causes damage to organs through prolonged or repeated exposure
- H412 Harmful to aquatic life with long lasting effects
- : P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
  - P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P233 Keep container tightly closed
- P240 Ground/bond container and receiving equipment
- P241 Use explosion-proof electrical/ventilating/lighting equipment
- P242 Use only non-sparking tools
- P243 Take precautionary measures against static discharge
- P260 Do not breathe dust, fume, mist, spray, vapors
- P261 Avoid breathing dust, fume, gas, mist, spray, vapors
- P264 Wash hands, forearms and face thoroughly after handling

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	P270 - Do not eat, drink or smoke when using this product
	P272 - Contaminated work clothing must not be allowed out of the workplace
	P273 - Avoid release to the environment
	P280 - Wear eye protection, protective gloves, protective clothing
	P301+P310 - IF SWALLOWED: Immediately call a doctor
	P302+P352 - If on skin: Wash with plenty of soap and water
	P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing
	P308+P313 - If exposed or concerned: Get medical advice/attention
	P310 - Immediately call a doctor
	P314 - Get medical advice/attention if you feel unwell
	P321 - Specific treatment (see first aid instructions on this label)
	P331 - Do NOT induce vomiting
	P332+P313 - If skin irritation occurs: Get medical advice/attention
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
	P362+P364 - Take off contaminated clothing and wash it before reuse
	P370+P378 - In case of fire: Use carbon dioxide, dry powder, alcohol resistant foam, or sand to extinguish
	P403+P235 - Store in a well-ventilated place. Keep cool
	P405 - Store locked up
	P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or
	collection site except for empty clean containers which can be disposed of as non-hazardous waste
er hazards	

#### 2.3. Other hazards

Other hazards not contributing to the classification

#### 2.4. Unknown acute toxicity (GHS US)

No data available

# **SECTION 3: Composition/information on ingredients**

# 3.1. Substance

Not applicable

## 3.2. Mixture

Name	Product identifier	%
Talc	(CAS No) 14807-96-6	30 - 60
Fatty acids, C18-unsaturated, dimers, reaction products with Polyethylenepolyamines	(CAS No) 68410-23-1	10 - 30
Solvent naphtha, petroleum, light aromatic	(CAS No) 64742-95-6	20 - 30
Mica	(CAS No) 12001-26-2	7 - 13
Xylenes (o-, m-, p- isomers)	(CAS No) 1330-20-7	5 - 10
4-Chlorobenzotrifluoride	(CAS No) 98-56-6	5-15
Benzene, 1,2,4-trimethyl-	(CAS No) 95-63-6	5 - 10
Diacetone alcohol	(CAS No) 123-42-2	3 - 7
Silica: Crystalline, quartz	(CAS No) 14808-60-7	1 - 5
1-Butanol	(CAS No) 71-36-3	0.5 - 1.5
Ethylbenzene	(CAS No) 100-41-4	0.1 - 1
Triethylenetetramine	(CAS No) 112-24-3	0.1 - 1
Cumene	(CAS No) 98-82-8	0.1 - 1
Kaolin	(CAS No) 1332-58-7	0.1 - 1
Feldspar	(CAS No) 68476-25-5	0.1 - 1

: None under normal conditions.

## **SECTION 4: First aid measures**

4.1. Description of first aid measures	
First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.
First-aid measures after skin contact	IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. Get medical attention immediately.
First-aid measures after eye contact	IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention immediately. Continue rinsing.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

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4.2. Most important symptoms and e	Most important symptoms and effects, both acute and delayed	
Symptoms/injuries	<ul> <li>May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye damage. May cause genetic defects. May cause cancer. Causes damage to organs through prolonged or repeated exposure.</li> </ul>	
Symptoms/injuries after inhalation	: May cause respiratory irritation.	
Symptoms/injuries after skin contact	: Causes skin irritation. May cause an allergic skin reaction.	
Symptoms/injuries after eye contact	: Causes serious eye damage.	
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways.	
Chronic symptoms	: May cause genetic defects. May cause cancer. Causes damage to organs through prolonged or repeated exposure.	

## 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media : Carbon dioxide. Dry powder. Alcohol-resistant foam. Sand.			
5.2. Special hazards arising from the	Special hazards arising from the substance or mixture		
Fire hazard	re hazard : Flammable liquid or vapor.		
Explosion hazard	: No data available.		
Reactivity	: No dangerous reactions known under normal conditions of use.		
5.3. Advice for firefighters			
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.		
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.		
SECTION 6: Accidental release measures			
	leasures		
	e equipment and emergency procedures		
6.1. Personal precautions, protective			
6.1. Personal precautions, protective 6.1.1. For non-emergency personnel	e equipment and emergency procedures		
6.1.Personal precautions, protective6.1.1.For non-emergency personnelProtective equipment	e equipment and emergency procedures : Wear Protective equipment as described in Section 8.		
6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Protective equipment Emergency procedures	e equipment and emergency procedures : Wear Protective equipment as described in Section 8.		
<ul> <li>6.1. Personal precautions, protective</li> <li>6.1.1. For non-emergency personnel</li> <li>Protective equipment</li> <li>Emergency procedures</li> <li>6.1.2. For emergency responders</li> </ul>	<ul> <li>e equipment and emergency procedures</li> <li>: Wear Protective equipment as described in Section 8.</li> <li>: Evacuate unnecessary personnel.</li> <li>: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air</li> </ul>		

## 6.3. Methods and material for containment and cleaning up

For containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Scoop solid spill into closing containers or bags. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
Methods for cleaning up	<ul> <li>Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Exclude sources of ignition and ventilate the area. Waste from this product may be hazardous as defined under RCRA (40 CFR 261).</li> </ul>
6.4. Reference to other sections	

No additional information available

SECTION 7: Handling and storage		
7.1.	Precautions for safe handling	
Precaut	ions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Containers of this material may be hazardous when emptied. Do not breathe mist, spray.
7.2.	Conditions for safe storage, includi	ng any incompatibilities
Storage	conditions	: Keep only in the original container in a cool, well ventilated place away from: Direct sunlight, Heat sources. Keep container closed when not in use.
7.3.	Specific end use(s)	
No addi	tional information available	

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# **SECTION 8: Exposure controls/personal protection**

#### **Control parameters** 8.1.

Fatty acids, C18-unsaturated, dimers, reaction	n products with Polyethylenepolyamines (68410-23-1)
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Xylenes (o-, m-, p- isomers) (1330-20-7)	
ACGIH TWA (ppm)	100 ppm
ACGIH STEL (ppm)	150 ppm
OSHA PEL (TWA) (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	100 ppm
OSHA PEL (STEL) (mg/m³)	655 mg/m³
OSHA PEL (STEL) (ppm)	150 ppm
Ethylbenzene (100-41-4)	
ACGIH TWA (ppm)	20 ppm
Remark (ACGIH)	upper respiratory tract irritation; kidney damage (nephropathy); cochlear impairment
OSHA PEL (TWA) (mg/m³)	435 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	100 ppm
OSHA PEL (STEL) (mg/m³)	545 mg/m³
OSHA PEL (STEL) (ppm)	125 ppm
Triethylenetetramine (112-24-3)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Solvent naphtha, petroleum, light aromatic (6	4742-95-6)
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Cumene (98-82-8)	
ACGIH TWA (ppm)	50 ppm
OSHA PEL (TWA) (mg/m <sup>3</sup> )	245 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	50 ppm
Benzene, 1,2,4-trimethyl- (95-63-6)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Toluene (108-88-3)	
ACGIH TWA (ppm)	20 ppm
Remark (ACGIH)	Visual impair; female repro;
Benzene (71-43-2)	
ACGIH TWA (ppm)	0.5 ppm
ACGIH STEL (ppm)	2.5 ppm
OSHA PEL (TWA) (ppm)	1 ppm
OSHA PEL (STEL) (ppm)	5 ppm (see 29 CFR 1910.1028)
OSHA PEL (Ceiling) (ppm)	25 ppm
1-Butanol (71-36-3)	
ACGIH TWA (ppm)	20 ppm
OSHA PEL (TWA) (mg/m³)	300 mg/m³
OSHA PEL (TWA) (ppm)	100 ppm
Mica (12001-26-2)	
ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> (respirable fraction)
OSHA PEL (TWA) (ppm)	20 mppcf (<1% Crystalline silica)
Silica: Crystalline, quartz (14808-60-7)	1
ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> (respirable fraction)

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Silica: Crystalline, quartz (14808-60-7)		
OSHA PEL (TWA) (mg/m³)	(30)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2) respirable fraction	
OSHA PEL (TWA) (ppm)	(250)/(%SiO2 + 5) respirable fraction	
Kaolin (1332-58-7)		
ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (particulate matter containing no asbestos and < 1% crystalline silica, respirable fraction)	
Remark (ACGIH)	Pneumoconiosis	
OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (toal dust) 5 mg/m3 (respirable fraction)	
Feldspar (68476-25-5)		
Remark (ACGIH)	OELs not established	
Remark (OSHA)	OELs not established	
Talc (14807-96-6)		
ACGIH TWA (mg/m³)	2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	
OSHA PEL (TWA) (ppm)	20 mppcf if 1% Quartz or more, use Quartz limit	
Diacetone alcohol (123-42-2)		
ACGIH TWA (ppm)	50 ppm	
OSHA PEL (TWA) (mg/m <sup>3</sup> )	240 mg/m <sup>3</sup>	
OSHA PEL (TWA) (ppm)	50 ppm	

## 8.2. Exposure controls

Appropriate engineering controls

Personal protective equipment

Hand protection

Eye protection

Skin and body protection Respiratory protection

- : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.
- : Gloves. Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection.



- : Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. . Suitable gloves for this specific application can be recommended by the glove supplier.
- : Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.
- : Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.
- : Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of

vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not

known, or any other circumstances where air-purifying respirators may not provide adequate protection.

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9.1. Information on basic physical an	nd chemical properties
Physical state	: Liquid
Color	: Beige.
Odor	: No data available
Odor Threshold	: No data available
рН	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 27.22 °C (81F)
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# **SECTION 9: Physical and chemical properties**

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
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Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.44 g/cm <sup>3</sup>
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available
9.2. Other information	

No additional information available

# **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

## 10.3. Possibility of hazardous reactions

None known.

## 10.4. Conditions to avoid

Sparks. Heat. Open flame. Extremely high or low temperatures. Direct sunlight.

#### 10.5. Incompatible materials

No data available.

#### 10.6. Hazardous decomposition products

No data available.

# **SECTION 11: Toxicological information**

# 11.1. Information on toxicological effects

Acute toxicity

#### : Not classified

Xylenes (o-, m-, p- isomers) (1330-20-7)			
LD50 oral rat	3500 mg/kg		
ATE CLP (dermal)	1100.000 mg/kg body weight		
ATE CLP (gases)	4500.000 ppmV/4h		
ATE CLP (vapors)	11.000 mg/l/4h		
ATE CLP (dust, mist)	1.500 mg/l/4h		
Ethylbenzene (100-41-4)			
LD50 oral rat	3500 mg/kg		
LD50 dermal rabbit	15400 mg/kg		
LC50 inhalation rat (mg/l)	17.2 mg/l/4h		
ATE CLP (gases)	4500.000 ppmV/4h		
ATE CLP (vapors)	11.000 mg/l/4h		
ATE CLP (dust, mist)	1.500 mg/l/4h		
Triethylenetetramine (112-24-3)	Triethylenetetramine (112-24-3)		
LD50 oral rat	2500 mg/kg		
ATE CLP (dermal)	1100.000 mg/kg body weight		
Solvent naphtha, petroleum, light aromatic (64742-95-6)			
LD50 dermal rabbit	> 2000 mg/kg		
LC50 inhalation rat (ppm)	3400 ppm/4h		

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Cumene (98-82-8)	
Cumene (90-02-0)	
LD50 dermal rabbit	12300 µl/kg
LC50 inhalation rat (ppm)	> 3577 ppm 6 h
Benzene, 1,2,4-trimethyl- (95-63-6)	
LD50 oral rat	3280 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
ATE CLP (gases)	4500.000 ppmV/4h
ATE CLP (vapors)	11.000 mg/l/4h
ATE CLP (dust, mist)	1.500 mg/l/4h
Toluene (108-88-3)	
LD50 oral rat	2600 mg/kg
LD50 dermal rabbit	12000 mg/kg
LC50 inhalation rat (mg/l)	12.5 mg/l/4h
Benzene (71-43-2)	
LD50 dermal rabbit	> 8200 mg/kg
LC50 inhalation rat (mg/l)	44.66 mg/l/4h (vapor)
1-Butanol (71-36-3)	
LD50 oral rat	700 mg/kg
LD50 dermal rabbit	3402 mg/kg
LC50 inhalation rat (ppm)	> 8000 ppm/4h
ATE CLP (oral)	500.000 mg/kg body weight
Silica: Crystalline, quartz (14808-60-7)	
LD50 oral rat	500 mg/kg
Diacetone alcohol (123-42-2)	
LD50 oral rat	4 g/kg (Source: IUCLID)
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: May cause genetic defects.
Carcinogenicity	: May cause cancer.
Xylenes (o-, m-, p- isomers) (1330-20-7)	
IARC group	3 - Not classifiable
Ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans
Cumene (98-82-8)	
IARC group	2B - Possibly carcinogenic to humans
Toluono (108-88-3)	
Toluene (108-88-3)	3 - Not classifiable
IARC group	3 - Not classifiable
IARC group Benzene (71-43-2)	
IARC group Benzene (71-43-2) IARC group	1 - Carcinogenic to humans
IARC group Benzene (71-43-2) IARC group National Toxicology Program (NTP) Status	
IARC group Benzene (71-43-2) IARC group National Toxicology Program (NTP) Status Silica: Crystalline, quartz (14808-60-7)	1 - Carcinogenic to humans 2 - Known Human Carcinogens
IARC group Benzene (71-43-2) IARC group National Toxicology Program (NTP) Status	1 - Carcinogenic to humans
IARC group Benzene (71-43-2) IARC group National Toxicology Program (NTP) Status Silica: Crystalline, quartz (14808-60-7)	1 - Carcinogenic to humans 2 - Known Human Carcinogens
IARC group         Benzene (71-43-2)         IARC group         National Toxicology Program (NTP) Status         Silica: Crystalline, quartz (14808-60-7)         IARC group	1 - Carcinogenic to humans       2 - Known Human Carcinogens
IARC group         Benzene (71-43-2)         IARC group         National Toxicology Program (NTP) Status         Silica: Crystalline, quartz (14808-60-7)         IARC group         Talc (14807-96-6)	1 - Carcinogenic to humans         2 - Known Human Carcinogens         1 - Carcinogenic to humans
IARC group         Benzene (71-43-2)         IARC group         National Toxicology Program (NTP) Status         Silica: Crystalline, quartz (14808-60-7)         IARC group         Talc (14807-96-6)         IARC group	1 - Carcinogenic to humans         2 - Known Human Carcinogens         1 - Carcinogenic to humans         3 - Not classifiable
IARC group         Benzene (71-43-2)         IARC group         National Toxicology Program (NTP) Status         Silica: Crystalline, quartz (14808-60-7)         IARC group         Talc (14807-96-6)         IARC group         Reproductive toxicity	1 - Carcinogenic to humans         2 - Known Human Carcinogens         1 - Carcinogenic to humans         3 - Not classifiable         : Not classified
IARC group         Benzene (71-43-2)         IARC group         National Toxicology Program (NTP) Status         Silica: Crystalline, quartz (14808-60-7)         IARC group         Talc (14807-96-6)         IARC group         Reproductive toxicity         Specific target organ toxicity (single exposure)         Specific target organ toxicity (repeated exposure)	1 - Carcinogenic to humans         2 - Known Human Carcinogens         1 - Carcinogenic to humans         3 - Not classifiable         : Not classified         : Not classified         : Causes damage to organs through prolonged or repeated exposure.
IARC group         Benzene (71-43-2)         IARC group         National Toxicology Program (NTP) Status         Silica: Crystalline, quartz (14808-60-7)         IARC group         Talc (14807-96-6)         IARC group         Reproductive toxicity         Specific target organ toxicity (single exposure)         Specific target organ toxicity (repeated exposure)         Aspiration hazard	1 - Carcinogenic to humans         2 - Known Human Carcinogens         1 - Carcinogenic to humans         3 - Not classifiable         : Not classified         : Not classified         : Causes damage to organs through prolonged or repeated exposure.         : May be fatal if swallowed and enters airways.
IARC group         Benzene (71-43-2)         IARC group         National Toxicology Program (NTP) Status         Silica: Crystalline, quartz (14808-60-7)         IARC group         Talc (14807-96-6)         IARC group         Reproductive toxicity         Specific target organ toxicity (single exposure)         Specific target organ toxicity (repeated exposure)         Aspiration hazard         Symptoms/injuries after inhalation	1 - Carcinogenic to humans         2 - Known Human Carcinogens         1 - Carcinogenic to humans         3 - Not classifiable         : Not classified         : Not classified         : Causes damage to organs through prolonged or repeated exposure.         : May be fatal if swallowed and enters airways.         : May cause respiratory irritation.
IARC group         Benzene (71-43-2)         IARC group         National Toxicology Program (NTP) Status         Silica: Crystalline, quartz (14808-60-7)         IARC group         Talc (14807-96-6)         IARC group         Reproductive toxicity         Specific target organ toxicity (single exposure)         Specific target organ toxicity (repeated exposure)         Aspiration hazard         Symptoms/injuries after inhalation         Symptoms/injuries after skin contact	1 - Carcinogenic to humans         2 - Known Human Carcinogens         1 - Carcinogenic to humans         3 - Not classifiable         • Not classified         • Not classified         • Causes damage to organs through prolonged or repeated exposure.         • May be fatal if swallowed and enters airways.         • May cause respiratory irritation.         • Causes skin irritation. May cause an allergic skin reaction.
IARC group         Benzene (71-43-2)         IARC group         National Toxicology Program (NTP) Status         Silica: Crystalline, quartz (14808-60-7)         IARC group         Talc (14807-96-6)         IARC group         Reproductive toxicity         Specific target organ toxicity (single exposure)         Specific target organ toxicity (repeated exposure)         Aspiration hazard         Symptoms/injuries after inhalation	1 - Carcinogenic to humans         2 - Known Human Carcinogens         1 - Carcinogenic to humans         3 - Not classifiable         : Not classified         : Not classified         : Causes damage to organs through prolonged or repeated exposure.         : May be fatal if swallowed and enters airways.         : May cause respiratory irritation.

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Chronic symptoms

: May cause genetic defects. May cause cancer. Causes damage to organs through prolonged or repeated exposure.

12.1. Toxicity	
Ecology - general	: Harmful to aquatic life with long lasting effects.
12.2. Persistence and degradability	
TuffStuff C-1284c	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
No additional information available	
SECTION 13: Disposal consideration	IS
13.1. Waste treatment methods	
Waste treatment methods	: Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.
SECTION 14: Transport information	
In accordance with DOT	
Transport document description	: UN1263 Paint related material (including paint thinning, drying, removing, or reducing compound), 3, III
UN-No.(DOT)	: 1263
DOT NA no.	: UN1263
Proper Shipping Name (DOT)	: Paint related material
	including paint thinning, drying, removing, or reducing compound
Department of Transportation (DOT) Hazard Classes	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT)	: 3 - Flammable liquid
Packing group (DOT)	: III - Minor Danger
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 220 L
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Additional information	
Other information	: No supplementary information available.
Transport by sea No additional information available	
Air transport No additional information available	

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# **SECTION 15: Regulatory information**

15.1. US Federal regulations

# TuffStuff C-1284c

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

Xylenes (o,m,p isomers)	CAS# 1330-20-7	
Section 302 (EHS) TPQ		lb
Section 304 EHS RQ		lb
CERCLA RQ	100	lb
Section 313	Listed on US SARA Section 313	

Ethylbenzene	CAS# 100-41-4	
Section 302 (EHS) TPQ		lb
Section 304 EHS RQ		lb
CERCLA RQ	1000	lb
Section 313	Listed on US SARA Section 313	

Cumene	CAS# 98-82-8	
Section 302 (EHS) TPQ		lb
Section 304 EHS RQ		lb
CERCLA RQ	5000	lb
Section 313	Listed on US SARA Section 313	

Benzene, 1,2,4-trimethyl-	CAS# 95-63-6
Section 302 (EHS) TPQ	lb
Section 304 EHS RQ	lb
CERCLA RQ	lb
Section 313	Listed on US SARA Section 313

ISOBUTYL ALCOHOL	CAS# 78-83-1
Section 302 (EHS) TPQ	lb
Section 304 EHS RQ	lb
CERCLA RQ	5000 lb
Section 313	

TOLUENE	CAS# 108-88-3	
Section 302 (EHS) TPQ		lb
Section 304 EHS RQ		lb
CERCLA RQ	1000	lb
Section 313	Listed on US SARA Section 313	

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BENZENE	CAS# 71-43-2	
Section 302 (EHS) TPQ		lb
Section 304 EHS RQ		lb
CERCLA RQ	10	lb
Section 313	Listed on US SARA Section 313	

BUTYLALCOHOLA	CAS# 71-36-3	
Section 302 (EHS) TPQ		lb
Section 304 EHS RQ		lb
CERCLA RQ	5000	lb
Section 313	Listed on US SARA Section 313	

#### 15.2. International regulations

#### CANADA

No additional information available.

## 15.3. US State regulations

#### **California Proposition 65**

This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

Ethylbenzene (100-41-4	4)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	
Cumene (98-82-8)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	
Toluene (108-88-3)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
No	Yes	No	No	
Benzene (71-43-2)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	Yes	No	Yes	
Silica: Crystalline, qua U.S California - Proposition 65 - Carcinogens List	rtz (14808-60-7) U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	
Xylenes (o-, m-, p- isor	more) (1330-20-7)	<u> </u>	1	1
U.S Massachusetts - F	,, ,			
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<b>.</b>				
Xylenes (o-, m-, p- isomers) (1330-20-7)				
U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List				
Ethylbenzene (100-41-4)				
U.S New Jersey - Right to Know Haz U.S Massachusetts - Right To Know U.S Pennsylvania - RTK (Right to Kn	ist			
Triethylenetetramine (112-24-3)				
U.S Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List				
Cumene (98-82-8)				
U.S Massachusetts - Right To Know U.S New Jersey - Right to Know Haz U.S Pennsylvania - RTK (Right to Kn	rdous Substance List			
Benzene, 1,2,4-trimethyl- (95-63-6)				
U.S New Jersey - Right to Know Haz U.S Massachusetts - Right To Know U.S Pennsylvania - RTK (Right to Kn	ist			
Toluene (108-88-3)				
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Benzene (71-43-2)				
U.S Massachusetts - Right To Know U.S New Jersey - Right to Know Haz U.S Pennsylvania - RTK (Right to Kn U.S Pennsylvania - RTK (Right to Kn	irdous Substance List w) - Special Hazardous Substances			
1-Butanol (71-36-3)				
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Other information

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NFPA health hazard	: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
NFPA fire hazard	: 1 - Must be preheated before ignition can occur.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 3*
Flammability	: 1
Physical	: 0
Personal Protection	: Splash goggles, Gloves, Synthetic apron, Vapor respirator

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using this material in combination with any other material or any other process is the responsibility of the user. All materials present unknown health hazards and should be used with caution. Although certain hazards are described herein, the manufacturer and its agents cannot guarantee that these are the only hazards which exist. Further, the manufacturer and its agents assume no responsibility for personal injury or property damage to vendors, users, or third-parties caused by this material. User assumes all risks associated with the use of this material.