



## Safety Data Sheet

FOR INDUSTRIAL USE ONLY

### REPLACETONE

Revision Date 5/12/2017

#### 1. Identification

**Product Name:** REPLACETONE

**SDS Number:** THERMACLEAN 095-0030  
0950030

**Product Use:** Industrial

**Manufacturer, Importer, Supplier:** Polynt Composites USA, Inc.  
99 East Cottage Avenue  
Carpentersville IL 60110  
E-Mail: MSDS@polynt.com

**Telephone:** For Emergency Transportation Information  
CHEMTREC US Domestic (800) 424-9300  
CHEMTREC International (703) 527-3887

For additional health, safety or regulatory information, call (847) 836-3659

#### 2. Hazard identification

##### GHS Classification

Eye Dam. 1

##### Symbol(s) of Product



##### Signal Word

Danger

##### GHS HAZARD STATEMENTS

Serious Eye Damage, category 1 H318 Causes serious eye damage.

##### GHS LABEL PRECAUTIONARY STATEMENTS

P202 Do not handle until all safety precautions have been read and understood.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor/physician.

### 3. Composition/Information on ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8	5.0 - 10	No Information	No Information
NONYLPHENOL ETHOXYLATE	9016-45-9	5.0 - 10	GHS05-GHS07	H312-318-332

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### 4. First-aid measures



**FIRST AID - EYE CONTACT:** If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**FIRST AID - INGESTION:** Do NOT induce vomiting. If accidentally swallowed obtain immediate medical attention.

**FIRST AID - INHALATION:** Move to fresh air in case of accidental inhalation of vapours.

**FIRST AID - SKIN CONTACT:** Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes.

### 5. Fire-fighting measures

**Extinguishing Media:**

<b>Suitable</b>	Carbon Dioxide, Dry Chemical, Foam, Water Fog
<b>Not suitable</b>	Water Jet

**SPECIAL FIREFIGHTING PROCEDURES:** Use full protective clothing. Use a properly-fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. In case of fire: Use carbon dioxide, dry chemical, foam, water fog to extinguish. Do NOT use water jet.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No Information

### 6. Accidental release measures

**ENVIRONMENTAL MEASURES:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Heat, flames and sparks. Ensure adequate ventilation. Remove all sources of ignition. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**PRECAUTIONARY MEASURES:** No Information

### 7. Handling and storage



**HANDLING:** Do not eat, drink or smoke while handling this product. Wash hands after handling and before eating, drink or smoking. Wear personal protective equipment.

**STORAGE:** Keep at temperature not exceeding 120F (48.9C). Store and dispose according to national, state and local regulations.

**HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice. General industrial hygiene practice. Wash hands before eating, drinking, or smoking.

**WORK PRACTICES:** Put on appropriate personal protective equipment. Wash hands after handling chemicals and before eating, drinking, or smoking. Read and understand entire SDS before handling chemical.

**SPECIAL HANDLING PROCEDURES:** Put on appropriate personal protective equipment. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

### 8. Exposure controls/personal protection

**Ingredients with Occupational Exposure Limits**

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA CEILING</u>
DIPROPYLENE GLYCOL MONOMETHYL ETHER	100 ppm	150 ppm	100 ppm	N.E.
NONYLPHENOL ETHOXYLATE	N.E.	N.E.	N.E.	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

**Personal Protection**

**RESPIRATORY PROTECTION:** When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full facepiece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary. Use a properly-fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.



**SKIN PROTECTION:** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.



**EYE PROTECTION:** Safety glasses with side-shields. Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.



**OTHER PROTECTIVE EQUIPMENT:** Use good hygiene practices. Wash face and hands before eating, drinking, and smoking. Eye wash and safety showers should be readily available.



**HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice. General industrial hygiene practice. Wash hands before eating, drinking, or smoking.

**9. Physical and chemical properties**

<b>Color:</b>	Orange	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Mild	<b>Odor Threshold:</b>	Not Available
<b>Density, g/cm<sup>3</sup>:</b>	1.036	<b>pH:</b>	Not Available
<b>Freeze Point, °C:</b>	Not Available	<b>Viscosity:</b>	Not Available
<b>Solubility in Water:</b>	Soluble	<b>Partition Coefficient, n-octanol/water:</b>	Not Available
<b>Decomposition Temp., °C:</b>	Not Available	<b>Flash Point, °C / F°</b>	104 / 219
<b>Boiling Range, °C:</b>	300	<b>Explosive Limits, vol%:</b>	Not Available
<b>Vapor Pressure:</b>	Not Available	<b>Auto-ignition Temp., °C:</b>	Not Available

(See "Other information" Section for abbreviation legend)

**10. Stability and reactivity**

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** No Information

**INCOMPATIBILITY:** Oxidizing agents. Strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide. Organic acids. Carbon Dioxide (CO<sub>2</sub>).

## 11. Toxicological information



### Practical Experiences

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** May cause eye irritation.

**EFFECT OF OVEREXPOSURE - INGESTION:** May cause severe gastrointestinal disturbance with headache, nausea, vomiting and diarrhea.

**EFFECT OF OVEREXPOSURE - INHALATION:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). Prolonged, repeated or high exposures may cause central nervous system depression leading to headaches, nausea, drowsiness, dizziness, and possibly narcosis. In extreme cases, may cause loss of consciousness.

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Prolonged and repeated skin contact may cause dermatitis, drying and defatting due to the solvent properties.

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** No Information

**CARCINOGENICITY:** No Information

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Contact

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name according to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
34590-94-8	DIPROPYLENE GLYCOL MONOMETHYL ETHER	N.I.	9500 mg/kg Rabbit	N.I.
9016-45-9	NONYLPHENOL ETHOXYLATE	2590 mg/kg Rat	1875 mg/kg Rabbit	N.I.

N.I. = No Information

## 12. Ecological information

**ECOLOGICAL INFORMATION:** Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits. Discharge into the environment must be avoided.

## 13. Disposal considerations



**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

## 14. Transport information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

### International transport regulations

Regulatory Information:	UN/NA Number	Proper Shipping Name	Classes/ *PG	Reportable Quantity (RQ)
CFR		Not regulated		
IMO/IMDG		Not regulated		
IATA		Not regulated		

**15. Regulatory information****U.S. Federal Regulations:****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

<u>Chemical Name</u>	<u>CAS-No.</u>
SODIUM HYDROXIDE	1310-73-2

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

**U.S. State Regulations:****NEW JERSEY RIGHT-TO-KNOW:**

The following hazardous materials are listed.

<u>Chemical Name</u>	<u>CAS-No.</u>
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8
SODIUM HYDROXIDE	1310-73-2

**PENNSYLVANIA RIGHT-TO-KNOW**

The following hazardous ingredients are present:

<u>Chemical Name</u>	<u>CAS-No.</u>
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8
SODIUM HYDROXIDE	1310-73-2

**U.S. State Regulations:****MASSACHUSETTS RIGHT-TO-KNOW:**

The following hazardous materials are listed.

<u>Chemical Name</u>	<u>CAS-No.</u>
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8
SODIUM HYDROXIDE	1310-73-2
TRISODIUM NITRILOTRIACETATE	5064-31-3

**CALIFORNIA PROPOSITION 65 CARCINOGENS**

Warning: This product contains a chemical known to the state of California to cause cancer.

No Proposition 65 Carcinogens exist in this product.

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

No Proposition 65 Reproductive Toxins exist in this product.

## International Regulations

<b>Chemical Inventories</b>	<b>Australia inventory (AICS)</b>	Not Determined
	<b>Canada inventory (DSL)</b>	Not Determined
	<b>Japan Inventory (ENCSC)</b>	Not Determined
	<b>China Inventory (IECSC)</b>	Not Determined
	<b>Korea Inventory (KECI)</b>	Not Determined
	<b>New Zealand (NZIoC)</b>	Not Determined
	<b>Philippines (PICCS)</b>	Not Determined
	<b>United States Inventory (TSCA 8b)</b>	All components are listed or exempted

### 16. Other information

<b>Revision Date:</b>	5/11/2017	<b>Supersedes Date:</b>	6/14/2016
<b>Reason for revision:</b>	Updated SDS Information		
<b>Datasheet produced by:</b>	Regulatory Department		

#### HMIS Ratings:

<b>Health:</b>	1	<b>Flammability:</b>	1	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	N.I.	<b>Chronic Rating:</b>	N.I.
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#### Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H312	Harmful in contact with skin.
H318	Causes serious eye damage.
H332	Harmful if inhaled.

#### Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS05



GHS07



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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