



Safety Data Sheet

FOR INDUSTRIAL USE ONLY

REPLACETONE

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@pccrusa.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. Prolonged skin contact may defat the skin and produce dermatitis. May cause irritation.

5. Fire-fighting measures

Extinguishing Media:

Suitable	Carbon Dioxide, Dry Chemical, Foam, Water Fog
Not suitable	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. Dry powder. Foam. Carbon dioxide (CO₂). 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. Wash thoroughly after handling.

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

Color:	Orange	Physical State:	Liquid
Odor:	Mild	Odor Threshold:	Not Available
Density, g/cm³:	1.036	pH:	Not Available
Freeze Point, °C:	Not Available	Viscosity:	Not Available
Solubility in Water:	Soluble	Partition Coefficient, n-octanol/ water:	Not Available
Decomposition Temp., °C:	Not Available	Flash Point, °C / F°	104 / 219
Boiling Range, °C:	0	Explosive Limits, vol%:	Not Available
Vapor Pressure:	Not Available	Auto-ignition Temp., °C:	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 (CO₂).

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: No Information

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	5230 mg/kg Rat	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

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class:

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

16. Other information

Revision Date:	6/14/2016	Supersedes Date:	New SDS
Reason for revision:	No Information		
Datasheet produced by:	Regulatory Department		

HMIS Ratings:

Health:	1	Flammability:	1	Reactivity:	0	Personal Protection:	N.I.	Chronic Rating:	N.I.
---------	---	---------------	---	-------------	---	----------------------	------	-----------------	------

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

The information provided herein was believed by Polynt Composites USA, Inc. to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by Polynt Composites USA, Inc. are subject to Polynt Composites USA, Inc terms and conditions of sale. Polynt Composites USA, Inc. MAKES NO WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY Polynt Composites USA, Inc. except that the product shall conform to Polynt Composites USA, Inc. specifications. Nothing contained herein constitutes an offer for the sale of any product.