



Safety Data Sheet

Issue Date: 11-Jan-2013

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Version 1

1. IDENTIFICATION

Product Identifier

Product Name PolyGlass Low VOC Catalyst

Other means of identification

SDS # NAP00066R

UN/ID No UN1263

Recommended use of the chemical and restrictions on use

Recommended Use Used for kitchen and bath refinishing.

Details of the supplier of the safety data sheet

Manufacturer Address

North America Polymer Company, Ltd.

7315 Hamlin Ave

Skokie, IL 60076 USA

Emergency Telephone Number

Company Phone Number

800-888-1081 / 847-779-6464

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Physical state Liquid

Classification

The classification and labeling information in this Safety Data Sheet should be viewed as provisional.

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

May be harmful in contact with skin

Signal Word

Danger

Hazard statements

Harmful if inhaled

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause an allergic skin reaction

May cause respiratory irritation. May cause drowsiness or dizziness

Highly flammable liquid and vapor

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 In case of inadequate ventilation wear respiratory protection
 Contaminated work clothing must 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 equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Wear protective gloves/protective clothing/eye protection/face protection
 Keep cool

Precautionary Statements - Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 If skin irritation or rash occurs: Get medical advice/attention
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
 In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
 Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
t-Butyl Acetate	540-88-5	70-80
Poly(hexamethylene diisocyanate)	28182-81-2	20-30
tert-Butanol	75-65-0	0.1-0.5
1-Pentene, 2,4,4-trimethyl-	107-39-1	0.1-0.5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call Poison Control or doctor/physician.
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. If conscious give 2 glasses of water to dilute. Get medical attention.

Most important symptoms and effects

Symptoms	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause respiratory irritation. May cause drowsiness or dizziness. Harmful if inhaled. May be harmful if swallowed. May be harmful in contact with skin.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Pre-existing eye, skin, heart and blood disorders may be aggravated by exposure to product.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Highly flammable liquid and vapor. Releases flammable vapors below normal ambient temperature. Container may explode in heat or fire. Container explosion may occur under fire conditions. Use water spray to keep containers cool.

Explosion Data

Sensitivity to Static Discharge Take precautionary measures against static discharge.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	In case of a spill, clear the affected area and protect people. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear protective gloves/protective clothing and eye/face protection.
For Emergency Responders	Full-body chemical protective clothing is recommended for emergency response procedures.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment For small spills, absorb on polypads or other suitable non-reactive absorbent materials. For large spills, dike far ahead of spill for later disposal. Absorb with materials such as: non-combustible material, cat litter / sand.

Methods for Clean-Up Use non-sparking hand tools and explosion-proof electrical equipment. Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing must not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Ground/bond container and receiving equipment. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Wear protective gloves/protective clothing and eye/face protection. Keep cool.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Store away from heat, sparks, flame. Store locked up.

Incompatible Materials Strong oxidizing agents. Bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
t-Butyl Acetate 540-88-5	STEL: 150 ppm TWA: 50 ppm	TWA: 200 ppm TWA: 950 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 950 mg/m ³	IDLH: 1500 ppm TWA: 200 ppm TWA: 950 mg/m ³
tert-Butanol 75-65-0	TWA: 100 ppm	TWA: 100 ppm TWA: 300 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 300 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 450 mg/m ³	IDLH: 1600 ppm TWA: 100 ppm TWA: 300 mg/m ³ STEL: 150 ppm STEL: 450 mg/m ³

Appropriate engineering controls

Engineering Controls Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. For operations where contact can occur, a safety shower and an eye wash facility should be available.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Splash goggles or safety glasses. Refer to 29 CFR 1910.133 for eye and face protection regulations.
Skin and Body Protection	Wear neoprene or butyl rubber gloves for routine industrial use. Use body protection appropriate for task. An apron or other impermeable body protection is suggested. Full-body chemical protective clothing is recommended for emergency response procedures. Refer to 29 CFR 1910.138 for appropriate skin and body protection.
Respiratory Protection	If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29CFR 1910.134), applicable U.S. State regulations, or the Canadian CSA Standard Z94.4-93 and applicable standards of Canadian Provinces. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under OSHA's Respiratory Protection Standard (1910.134-1998).

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Liquid	Odor	Not determined
Appearance	Not determined	Odor Threshold	Not determined
Color	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limits in Air		
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Relative Density	Not determined	
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions.

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**

Keep out of reach of children. Avoid all possible sources of ignition. Heat, flames and sparks. Incompatible Materials.

Incompatible Materials

Strong oxidizing agents. Bases.

Hazardous Decomposition Products

When heated, vapor contains acids and thermal decomposition products.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Eye Contact May cause temporary irritation on eye contact.

Skin Contact May be harmful in contact with skin.

Inhalation Harmful if inhaled. May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause drowsiness or dizziness.

Ingestion May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
t-Butyl Acetate 540-88-5	= 4100 mg/kg (Rat)	> 2 g/kg (Rabbit) > 2000 mg/kg (Rabbit)	> 2230 mg/m ³ (Rat) 4 h = 13300 mg/m ³ (Rat) 4 h
Poly(hexamethylene diisocyanate) 28182-81-2	-	-	= 18500 mg/m ³ (Rat) 1 h
tert-Butanol 75-65-0	= 2200 mg/kg (Rat)	> 2 g/kg (Rabbit)	> 10000 ppm (Rat) 4 h

Information on physical, chemical and toxicological effects**Symptoms** Please see section 4 of this SDS for symptoms.**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Sensitization** May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.**STOT - single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.**Numerical measures of toxicity**

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

ATEmix (oral) 4,121.00 mg/kg

ATEmix (dermal) 2,012.00 mg/kg

ATEmix (inhalation-dust/mist) 4.69 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
t-Butyl Acetate 540-88-5		296 - 362: 96 h Pimephales promelas mg/L LC50 flow-through	
1-Pentene, 2,4,4-trimethyl- 107-39-1		3: 24 h Carassius auratus mg/L LC50	
tert-Butanol 75-65-0	1000: 72 h Desmodesmus subspicatus mg/L EC50	6130 - 6700: 96 h Pimephales promelas mg/L LC50 flow-through	933: 48 h Daphnia magna mg/L EC50 4607 - 6577: 48 h Daphnia magna mg/L EC50 Static

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
t-Butyl Acetate 540-88-5	1.38
tert-Butanol 75-65-0	0.35

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Contaminated Packaging

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

14. TRANSPORT INFORMATION

Note Based on package size, product may be eligible for limited quantity exception.

DOT

UN/ID No UN1263
 Proper Shipping Name Paint
 Hazard Class 3
 Packing Group II

IATA

UN/ID No UN1263
 Proper Shipping Name Paint
 Hazard Class 3
 Packing Group II

IMDG

UN/ID No UN1263
 Proper Shipping Name Paint
 Hazard Class 3
 Packing Group II

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
t-Butyl Acetate	X	X	X	Present	X	Present	X	X
Poly(hexamethylene diisocyanate)	X	X	X	Present	X	Present	X	X
1-Pentene, 2,4,4-trimethyl-	X	X	X	Present	X	Present	X	X
tert-Butanol	X	X	X	Present	X	Present	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

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

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

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
t-Butyl Acetate 540-88-5	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

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

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
t-Butyl Acetate				X

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
t-Butyl Acetate 540-88-5	X	X	X
1-Pentene, 2,4,4-trimethyl- 107-39-1		X	X
tert-Butanol 75-65-0	X	X	X

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

2

3

0

Not determined

HMIS**Health Hazards****Flammability****Physical hazards****Personal Protection**

2

3

0

Not determined

Issue Date:

11-Jan-2013

Revision Date:

24-Nov-2017

Revision Note:

Logo Change

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