Safety Data Sheet

Issue Date: 27-Oct-2009 **Revision Date:** 31-Aug-2018 **Version** 1

1. IDENTIFICATION

Product identifier

Product Name Poly-Glass 320 Low Gloss White

Other means of identification

SDS # NAP00084

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 INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance White liquid **Physical state** Liquid **Odor** Solvent

Classification

The classification and labeling information in this Safety Data Sheet should be viewed as provisional, as physical test data has not been performed.

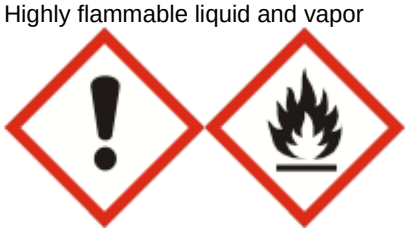
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

Signal Word

Danger

Hazard statements

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
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Use explosion-proof equipment
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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a poison center or doctor/physician if you feel unwell
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-%
Proprietary acetate 1	Proprietary	20-30
Proprietary acetate 2	Proprietary	15-30
Proprietary dioxide	Proprietary	1-10

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

Description of 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. Seek immediate medical attention if adverse effect occurs.

Skin Contact Remove exposed or contaminated clothing, taking care not to contaminate eyes. Immediately begin flushing skin continuously for a minimum of 15 minutes. Wash skin thoroughly with mild soap and water. Wash contaminated clothing before reuse. Seek immediate medical attention if adverse effect occurs.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If necessary, use artificial respiration to support vital functions. Call a physician if you feel unwell.

Ingestion Give water to conscious/alert person. Do NOT induce vomiting. Call a physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms May cause severe eye irritation with reddening and watering. May cause dermatitis or irritation in some individuals upon prolonged contact. Breathing mists may cause dizziness and pulmonary irritation. Excessive inhalation may produce dizziness, nausea, headache, and incoordination.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Exposure may aggravate pre-existing respiratory or skin problems.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Small fires: Dry chemical, CO2, water spray, or regular foam. Large fires: Water spray, fog, or regular foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
Flammable/combustible materials. May be ignited by heat, sparks or flames. Vapors may travel to source of ignition and flash back. Container may explode in heat or fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO2). Oxides of sulfur.

Explosion Data
Sensitivity to Static Discharge Flammable mixtures of this product are readily ignited even by static discharge.

Protective equipment and precautions for firefighters
Wear positive pressure self-contained breathing apparatus (SCBA). Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from heads of containers that have been exposed to intense heat or flame. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. If runoff from the fire control occurs, notify the appropriate authorities. Vapors may travel to source of ignition and flash back.

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). In case of a spill, clear the affected area and protect people. Wear suitable gloves, goggles and apron.

For Emergency Responders Full-body chemical protective clothing is recommended for emergency response procedures.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. 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 clean non-sparking tools to collect absorbed material. 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 Handle in accordance with good industrial hygiene and safety practice. Wear appropriate personal protective equipment. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing. Discard shoes that become saturated with product. Wash thoroughly with soap and water after handling. When using do not eat, drink or smoke. Keep container tightly closed. Use non-sparking hand tools and explosion-proof electrical equipment. Take precautionary measures against static discharges. Ground container and transfer equipment to eliminate static electric sparks. Never use a a torch to cut or weld on or near a container.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, well ventilated area away from acids and other incompatible substances. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible Materials Incompatible with oxidizing agents. No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Proprietary acetate 1	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
Proprietary dioxide	TWA: 10 mg/m^3	TWA: 15 mg/m^3 total dust (vacated) TWA: 10 mg/m^3 total dust	IDLH: 5000 mg/m^3 TWA: 2.4 mg/m^3 CIB 63 fine TWA: 0.3 mg/m^3 CIB 63 ultrafine, including engineered nanoscale

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.

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. Reference Wiley's "Quick Selection Guide to Chemical Protective Clothing".

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 Take off all contaminated clothing and wash it before reuse. Avoid contact with skin, eyes or clothing. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	White liquid	**Odor**	Solvent
Color	White	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	Not determined	
Melting point / freezing point	Not available	
Boiling point / boiling range	Not determined	
Flash point	4 °C / 39 °F	
Evaporation Rate	>1	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	
Lower flammability or explosive limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Relative Density	1.29	
Water Solubility	negligible	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition 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
Avoid all possible sources of ignition.

Incompatible materials
Incompatible with oxidizing agents. No information available.

Hazardous decomposition products
Carbon dioxide (CO2). Carbon monoxide. Oxides of sulfur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Moderately irritating to the eyes.

Skin Contact Prolonged contact may cause redness and irritation.

Inhalation Breathing of high concentrations may cause dizziness, light-headedness, headache, nausea and loss of coordination. May cause drowsiness or dizziness. May cause irritation of respiratory tract.

Ingestion Ingestion may cause irritation to mucous membranes.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary acetate 1	= 4100 mg/kg (Rat)	> 2 g/kg (Rabbit) > 2000 mg/kg (Rabbit)	> 2230 mg/m^3 (Rat) 4 h > 9482 mg/m^3 (Rat) 4 h
Proprietary acetate 2	= 8532 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Proprietary dioxide	> 10000 mg/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics

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

Carcinogenicity Titanium dioxide is a possible carcinogen when it appears as a respirable dust.

Chemical name	ACGIH	IARC	NTP	OSHA
Proprietary dioxide		Group 2B		X

Legend
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

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) 9,741.88 mg/kg
ATEmix (dermal) 5,453.90 mg/kg

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
Proprietary acetate 1		296 - 362: 96 h Pimephales promelas mg/L LC50 flow-through	
Proprietary acetate 2		161: 96 h Pimephales promelas mg/L LC50 static	500: 48 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Proprietary acetate 1	1.38
Proprietary acetate 2	0.43

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 number UN1263
Proper Shipping Name Paint
Transport hazard class(es) 3
Packing Group II

IMDG

UN number	UN1263
Proper Shipping Name	Paint
Transport hazard class(es)	3
Packing Group	II

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary acetate 1	X	X	X	X	X	X	X	X
Proprietary acetate 2	X	X	X	X	X	X	X	X
Proprietary dioxide	X	X	X	X	X	X	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)
Proprietary acetate 1	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

Not determined

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Proprietary acetate 1				X

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Proprietary dioxide -	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Proprietary acetate 1	X	X	X
Proprietary dioxide	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**
	Not determined	Not determined	Not determined	Not determined

Issue Date: 27-Oct-2009
Revision Date: 31-Aug-2018
Revision Note: Updated formula

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