Safety Data Sheet

Issue Date: 07-Jun-2007 **Revision Date:** 08-Nov-2017 **Version** 2

1. IDENTIFICATION

Product Identifier

Product Name Flint-Stone II Multicolored Coating

Other means of identification

SDS # NAP00002

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

Appearance Multi-color fleck coating **Physical state** Liquid **Odor** Mild

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Ethylene Glycol n-Butyl Ether	111-76-2	Proprietary
Titanium dioxide	13463-67-7	Proprietary
Amorphous silica	112926-00-8	Proprietary

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

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get immediate medical advice/attention.

Skin Contact Remove contaminated clothing and shoes. Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.

Inhalation If overcome by exposure, remove victim to fresh air and seek medical attention.

Ingestion If victim is conscious, induce vomiting with Ipecac or by touching back of throat. Call a physician or poison control center immediately.

Most important symptoms and effects

Symptoms May cause skin and eye irritation. Depending on the duration of skin exposure, skin reddening or discomfort may result. May cause nausea, vomiting and/or diarrhea if ingested. Prolonged breathing of vapors may cause nausea, headache, weakness and/or dizziness.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Provide general supportive measures and treat symptomatically. Acute or chronic respiratory conditions, liver conditions or skin problems may be aggravated by overexposure to this product.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use all purpose ABC extinguisher or appropriate extinguisher for the type of material burning. Liquid material should not support fire.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Hazardous Combustion Products Incineration will produce smoke, carbon monoxide, carbon dioxide and oxides of nitrogen.

Protective equipment and precautions for firefighters

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Wear suitable gloves, goggles and apron.

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

Environmental precautions

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. For small spills, absorb on polypads or other suitable non-reactive absorbent materials.

Methods for Clean-Up Take up with sand, earth or other non-combustible absorbent 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.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Do not breathe vapors or spray mist. Use with adequate ventilation. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing. Store away from incompatible materials.

Incompatible Materials Strong acids. Water-reactive materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol n-Butyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m^3 (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m^3 (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m^3
Amorphous silica 112926-00-8	-	(vacated) TWA: 6 mg/m^3 TWA: 20 mppcf : (80)/(% SiO2) mg/m^3 TWA	-
Titanium dioxide 13463-67-7	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

Appropriate engineering controls

Engineering Controls Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Splash goggles or safety glasses. Emergency eye wash stations and showers should be available within the work area.

Skin and Body Protection Wear latex gloves for routine industrial use. Use body protection appropriate for task. Full-body chemical protective clothing is recommended for emergency response procedures.

Respiratory Protection In most cases (e.g. with adequate ventilation), a vapor/dust respirator (NIOSH/MSHA approved) is appropriate. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29 CFR 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 ProtectionStandard (1910.134-1998).

General Hygiene Considerations Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	Multi-color fleck coating	**Odor**	Mild
Color	Multi-color	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	Not determined	
Melting Point/Freezing Point	0 °C / 32 °F	
Boiling Point/Boiling Range	98-203 °C / 210-396 °F	
Flash Point	Not applicable (Non-flammable)	
Evaporation Rate	Slower Than Butyl Acetate	
Flammability (Solid, Gas)	Not determined	
Flammability Limits in Air		
Upper Flammability Limits	None	
Lower Flammability Limit	None	
Vapor Pressure	Not determined	
Vapor Density	Heavier than air	
Relative Density	Not determined	
Water Solubility	Soluble in water	
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	

Other Information

VOC Content (%) Maximum 205 g/l, 1.7lb/gal

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. Keep from freezing. Incompatible Materials.

Incompatible Materials
Strong acids. Water-reactive materials.

Hazardous Decomposition Products
Incineration will produce smoke, carbon monoxide, carbon dioxide and oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact With liquid contact, eye irritation can occur. Overexposure to vapors could result in eye irritation.

Skin Contact May cause temporary irritation on skin contact.

Inhalation Over-exposure to vapors could result in upper respiratory tract irritation.

Ingestion May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol n-Butyl Ether 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-

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

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

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol n-Butyl Ether 111-76-2	A3	Group 3		
Amorphous silica 112926-00-8		Group 3		
Titanium dioxide 13463-67-7		Group 2B		X

Legend
ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive toxicity Not determined.

Developmental toxicity Not determined.

Numerical measures of toxicity

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

ATEmix (oral) >5,000.00 mg/kg

ATEmix (dermal) >5,000.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ethylene Glycol n-Butyl Ether 111-76-2		2950: 96 h Lepomis macrochirus mg/L LC50 1490: 96 h Lepomis macrochirus mg/L LC50 static	1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Ethylene Glycol n-Butyl Ether 111-76-2	0.81

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 Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Ethylene Glycol n-Butyl Ether	X	X	X	Present	X	Present	X	X
Amorphous silica	X	X		Present	X	Present	X	X
Titanium dioxide	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

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

Acute Health Hazard Yes

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Ethylene Glycol n-Butyl Ether - 111-76-2	111-76-2	Proprietary	1.0

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol n-Butyl Ether 111-76-2	X	X	X
Amorphous silica 112926-00-8	X	X	X
Titanium dioxide 13463-67-7	X	X	X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	1	0	0	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical hazards**	**Personal Protection**
	Not determined	Not determined	Not determined	Not determined

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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