

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Novus #3 Plastic Polish**  
 Product Code: NOV3  
 Product Use: Heavy Scratch Remover for Plastic Surfaces  
 Restriction of use: Refer to Section 15

New Zealand Supplier: **Glasscorp Limited**  
 Address: **124 Bush Road  
 Albany  
 Auckland  
 New Zealand**

Telephone: 09 415 6338  
 Fax Number: 09 415 6339  
 Website: www.glasscorp.co.nz

**Emergency Telephone: 09 415 6338 or 0800 764 766 (National Poison Line)**

Glasscorp date of issue: 21 July 2020

### Section 2. Hazards Identification

This product does not meet the classification of hazardous under OSHA's Hazard Communication Standard (29CFR §1910.1200), and Canadian WHMIS (HPR) or is therefore NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

### Section 3. Composition / Information on Ingredients

Hazardous Ingredients	Cas Number	Weight %
Proprietary Thickening Copolymer Dispersion	Mixture	1.0 - 2.0
Petroleum distillates, hydrotreated	64742-47-8	0.1 - 0.4 (in final polish)
Amides, C16-18 and C18 unsaturated N,N-bis(hydroxyethyl)	68603-38-3	0.01 - 0.1
Copolymer		0.75 - 1.78
Dipropylene Glycol Methyl Ether	34590-94-8	3.0 - 7.0
Calcined Kaolin Clay	66402-68-4	3.0 - 7.0
Aluminium Oxide	1344-28-1	7.0 - 13.0
Water and other components. Each of the other components is present in less than 1 percent concentration (or 0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens).		

### Section 4. First Aid Measures

**Routes of Exposure:**

If in Eyes	If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.
If on Skin	If product contacts skin, wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.
If Swallowed	Rinse mouth, Do NOT induce vomiting. Never give fluids to someone who is unconscious, having convulsions, or who cannot swallow. Call a POISON CENTER or doctor/physician
If Inhaled	Remove to fresh air at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

### **Most important symptoms and effects, both acute and delayed**

Symptoms: None known

## **Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Non Flammable, combustible or explosive.
<b>Hazards from products</b>	When involved in a fire, this material may decompose and produce irritating vapors and toxic gases (including silicon, aluminum and carbon oxides).
<b>Suitable Extinguishing media</b>	Use extinguishing material suitable to the surrounding fire, including halon, carbon dioxide, dry chemical and ABC class.
<b>Precautions for firefighters and special protective clothing</b>	Structural fire-fighters must wear Self-Contained Breathing Apparatus and full protective equipment. Chemical resistant clothing may be necessary. Move containers from fire area if it can be done without risk to personnel. Water spray can be used to cool fire-exposed containers. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas. Rinse contaminated equipment thoroughly with soapy water before returning such equipment to service.
<b>HAZCHEM CODE</b>	<b>None allocated</b>

## **Section 6. Accidental Release Measures**

### **Equipment and emergency procedures**

Evacuate personnel to safe area.

Use proper protective equipment and non-sparking tools and equipment.

Small Spills: Wear rubber gloves, splash goggles, and appropriate body protection.

Large Spills: Minimum Personal Protective Equipment should be rubber gloves, rubber boots, face shield, and Tyvek suit.

### **Environmental precautions**

Avoid release to the environment. Run-off water may be contaminated by other materials and should be contained to prevent possible environmental damage.

### **Methods and materials for containment and cleaning up:**

Avoid allowing contact with water on spilled substance or inside containers.

#### **Small Spills:**

Absorb spilled material with polypads or other suitable, non-reacting sorbent, avoiding generation of aerosols, wearing gloves, goggles and apron. Place spilled material in appropriate container for disposal, sealing tightly. Remove all residue before decontamination of spill area.

#### **Large Spills:**

Access to the spill area should be restricted. Spread should be limited by diking spill area.

Absorb spilled liquid with polypads or other suitable absorbent materials.

#### **All Spills:**

Place all spill residue in a double plastic bag or other containment and seal. Decontaminate the area thoroughly. Do not mix with wastes from other materials. For spills on water, contain,

minimize dispersion and collect. Dispose of recovered material and report spill per regulatory requirements.

## Section 7. Handling and Storage

### Precautions for safe handling:

- All employees who handle this material should be trained to handle it safely.
- Keep container tightly closed when not in use.
- As with all chemicals, avoid getting this product ON YOU or IN YOU.
- Wash thoroughly after handling this product.
- Do not eat, drink, smoke, or apply cosmetics while handling this product.
- Avoid breathing vapors or mists generated by this product.
- Use in a well-ventilated location.
- Remove contaminated clothing immediately.

### Precautions for safe storage:

- Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible.
- Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged.
- Inspect all incoming containers before storage to ensure containers are properly labeled and not damaged.
- Empty containers may contain residual product; therefore, empty containers should be handled with care.

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance		TWA ppm	mg/m <sup>3</sup>	STEL ppm	mg/m <sup>3</sup>
Dipropylene glycol methyl ether (skin) [34590-94-8]		100	606	150	909
Aluminium oxide (α Alumina) [1344-28-1]		-	10	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11TH EDITION

### Engineering Controls:

Use with adequate ventilation. Use a mechanical fan or vent area to outside. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits provided in this section, if applicable. Use a non-sparking, grounded, explosion-proof ventilation system separate from other exhaust ventilation systems. Exhaust system in manner consistent with prevention of release to atmosphere. An eyewash and safety shower should be readily accessible.

### Personal Protection Equipment



<b>Eyes</b>	Use approved safety goggles or safety glasses. If necessary, refer to appropriate regulations to assist in equipment selection.
<b>Hands and Skin</b>	Wear butyl rubber, Teflon, nitrile or similar gloves for routine industrial use. Use triple gloves for spill response, as stated in Section 6 (Accidental Release Measures) of this SDS. If necessary, refer to applicable regulations

	and standards. Use body protection appropriate for task. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection. If necessary, refer to appropriate regulations to assist in equipment selection.
<b>Respiratory</b>	Maintain the Oxygen level above 19.5% in the workplace and exposure limits below levels given earlier in this section, if applicable. 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. If necessary, use only respiratory protection authorized in appropriate regulations to assist in equipment selection.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Opaque White viscous liquid
<b>Odour</b>	Lemon
<b>Odour Threshold</b>	Not available
<b>pH</b>	9-10
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	>93.3°C
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Density</b>	Not available
<b>Specific Gravity(23°C, water =1)</b>	1.188
<b>Soluble in water</b>	Soluble in water except for inorganic constituents.
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity (cP)</b>	50000-100000
<b>Solid content (%)</b>	Not available
<b>VOC % by weight</b>	Not available
<b>Evaporation Rate</b>	Not available

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable under typical, environmental conditions in a workplace in the absence of contaminants.
<b>Possibility of hazardous reactions:</b>	None known.
<b>Conditions to Avoid</b>	Exposure to incompatible chemicals.
<b>Incompatible Materials</b>	Strong oxidizers, water-reactive materials.
<b>Hazardous Decomposition Products</b>	Combustion: Silicon, aluminum and carbon oxides

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Ingestion is not anticipated to be a likely route of exposure to this
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	product. If this material is swallowed, it may cause headache, nausea, and vomiting.
<b>Dermal</b>	The Dipropylene Glycol Methyl Ether component of this product can be absorbed through intact skin. Skin absorption is not anticipated to cause adverse effects.
<b>Inhalation</b>	Inhalation is not anticipated to be a significant route of overexposure to this product. If mists or sprays of this product are inhaled, they may mildly irritate the nose and other tissues of the upper respiratory system. Symptoms are generally alleviated upon breathing fresh air.
<b>Eye and skin</b>	Depending on the duration and concentration of overexposure, eye contact may cause tearing and redness. Skin contact may cause mild redness, discomfort, and irritation. Symptoms are generally alleviated upon rinsing. Repeated skin contact may cause dermatitis (dry, red skin).

**Chronic Effects:**

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.
<b>Health effects</b>	ACUTE: This material may irritate the eyes, skin, and mucous membranes. Inhalation of mists or sprays of this product may irritate the nose and other tissues of the upper respiratory system. CHRONIC: Repeated skin contact may cause dermatitis (dry, red skin). See below for additional information on the components of this product.

**Section 12. Ecotoxicological Information**

This product is not hazardous to the environment.

<b>Product:</b>	
<b>Persistence and degradability</b>	No specific data available on this product.
<b>Bioaccumulation</b>	No specific data available on this product.
<b>Mobility in Soil</b>	No specific data available on this product.
<b>Other adverse effects</b>	No specific data available on this product.

**Section 13. Disposal Considerations****Disposal Method:**

Triple rinse and dispose according to Local Regulations.

**Precautions or methods to avoid:** None known.

**Section 14 Transport Information**

This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2012

**Section 15 Regulatory Information**

This product does not meet the classification of hazardous under OSHA's Hazard Communication Standard (29CFR §1910.1200), and Canadian WHMIS (HPR) or is therefore NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

<b>Section 16</b>	<b>Other Information</b>
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**Glossary**

AWC	Aggregate water capacity.
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

**References:**

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

**Disclaimer**

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