



NOVUS PLASTIC POLISH #1

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022
Issue date: 2025-02-25 Revision date: 2025-02-25 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : NOVUS PLASTIC POLISH #1
Product code : 7012, 7020, 7023, 7024, 7026, 7050, 7052, 7345, PC-10, PC-12, PC-108

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of substance/mixture : Clean and shine for hard plastics
Restrictions on use : Do not use for other than the specified purpose

1.4. Supplier's details

Manufacturer	Distributor
Novus 2 LLC	FIX AUTO
650 Pelham Blvd, Suite 100	99 Émilien-Marcoux Suite 101
St. Paul, MN, 55114	Blainville, Québec , J7C 0B4
USA	Canada
T 800-548-6872	T (450) 433-1414
www.novuspolish.com	

1.5. Emergency phone number

Emergency number : (800) 420-8036 (ProPharma, 24-hr)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS classification

Not classified.

2.2. Label elements

GHS labelling

No labelling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

Not applicable

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SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria for section 3.2 of HCS

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
First-aid measures after eye contact	: IF IN EYES: 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.
First-aid measures after ingestion	: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire including Carbon dioxide, dry chemical, halons, ABC class.
Unsuitable extinguishing media	: None known.

5.2. Specific hazards arising from the chemical

Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon. Silicon oxides, nitrogen oxides. oxydes d'azote
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5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
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SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

For non-emergency personnel

No additional information available

For emergency responders

Environmental precautions : Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing vapour. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

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No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:

Wear suitable gloves. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection:

Safety glasses or goggles are recommended when using product.

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Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. 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. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Thin liquid.
Colour	: Translucent milky
Odour	: Faint
Odour threshold	: No data available
pH	: 7.5 – 9
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >93.3°C (200°F)
Relative evaporation rate (butylacetate=1)	: Not established; based on ingredients the comparative evaporation rate is expected to be <1.
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20°C/ 68 °F	: Not established; based on ingredients the relative vapor density is expected to be >1.
Specific gravity	: 1.01
Solubility	: Soluble in water.
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: Like water
Explosive limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

VOC content	: 4.32 g/l
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SECTION 10 Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. Incompatible materials. Water-reactive materials.

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10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Silicon oxides. Oxides of nitrogen.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.
Skin corrosion/irritation	: Not classified. pH: 7.5 – 9
Serious eye damage/irritation	: Not classified. pH: 7.5 – 9
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

12.2. Persistence and degradability

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Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

12.5. Other adverse effects

Ozone	: Not classified.
Fluorinated greenhouse gases	: No
Other information	: No other effects known.

SECTION 13 Disposal considerations

Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
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SECTION 14 Transport information

In accordance with DOT / TDG

14.1. UN Number

UN-No. (DOT)	: Not regulated
UN-No. (TDG)	: Not regulated

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT)	: Not regulated
Proper Shipping Name (TDG)	: Not regulated

14.3. Transport hazard class(es)

DOT	
Transport hazard class(es) (DOT)	: Not regulated

TDG	
Transport hazard class(es) (TDG)	: Not regulated

14.4. Packing group

Packing group (DOT)	: Not regulated
Packing group (TDG)	: Not regulated

14.5. Environmental hazards

Other information	: No supplementary information available.
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14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT	
Not regulated	

TDG	
Not regulated	

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SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Revision date : 2025-02-25

Issue date : 2025-02-25

Other information : None.

Prepared by : Nexreg Compliance Inc.

www.Nexreg.com



SDS HazCom 2024 - WHMIS 2022 (Nexreg) 2025

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NOVUS PLASTIC POLISH #2

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022
Issue date: 2025-02-25 Revision date: 2025-02-25 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form	: Mixture
Trade name	: NOVUS PLASTIC POLISH #2
Product code	: 7002, 7014, 7030, 7032, 7033, 7037, 7038, 7053, 7072, 7144, 7152, 7346, 7349, PC-22, PC-20, PC-208

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Restrictions on use	: Do not use for purposes other than recommended use
Use of substance/mixture	: Clean and Restore Plastic Surfaces

1.4. Supplier's details

Supplier	Distributor
Novus 2 LLC	FIX AUTO
650 Pelham Blvd, Suite 100	99 Émilien-Marcoux Suite 101
St. Paul, MN, 55114	Blainville, Québec , J7C 0B4
USA	Canada
T 800-548-6872	T (450) 433-1414
www.novuspolish.com	

1.5. Emergency phone number

Emergency number	: (800) 420-8036 (ProPharma, 24-hr)
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SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS classification

Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2
Carcinogenicity, Category 1A
Specific target organ toxicity, Repeated exposure, Category 1

2.2. Label elements

GHS labelling

Hazard pictograms (GHS)



Signal word (GHS)

: Danger

Hazard statements (GHS)

: Causes skin irritation
Causes serious eye irritation
May cause cancer.

Precautionary statements (GHS)

: Causes damage to organs through prolonged or repeated exposure
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Obtain special instructions before use.

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Do not handle until all safety precautions have been read and understood.
Do not breathe vapours.
Wash hands, forearms and face thoroughly after handling.
Do not eat, drink or smoke when using this product..
Wear protective gloves
If exposed or concerned: Get medical advice/attention.
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice or attention.
IF IN EYES: 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 or attention.
Get medical advice or attention if you feel unwell.
Store locked up.
Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

Not applicable

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%Weight
Naphtha (petroleum), heavy alkylate	Naphtha (petroleum), heavy alkylate Heavy alkylate naphtha / Naphtha, (petroleum), heavy alkylate / Naphtha (petroleum), heavy alkylate / Petroleum distillate, heavy alkylated / Naphtha, petroleum, heavy alkylate (A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C3-5. It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C9-12 and boiling in the range of approximately 150-220°C.) / Naphtha (petroleum), heavy alkylate - low boiling point modified naphtha / Ligoine (petroleum), heavy alkylate / Heavy alkylate naphtha (petroleum) / Naphtha (petroleum), heavy alkylate; Low boiling point modified naphtha [A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C3 to C5. It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 150°C to 220°C (302°F to 428°F).] / Naphtha (petroleum), heavy alkylate predominantly branched chain C9-12	CAS-No.: 64741-65-7	7 – 13

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Name	Chemical name / Synonyms	Product identifier	%Weight
Kieselguhr, soda ash flux-calcined	Kieselguhr, soda ash flux-calcined Silica, amorphous, diatomaceous earth / Kieselguhr, soda ash, flux calcined / Diatomaceous earth, natural / Silica, amorphous, silica fume, calcined diatomaceous earth / Flux calcined diatomaceous earth / Diatomaceous earth, soda ash flux-calcined / Diatomite / Flux-calcined diatomaceous earth / Silica, amorphous, soda ash flux-calcinated / Diatomaceous earth (amorphous) / Diatomaceous earth, ignited / Silica, amorphous and synthetic, diatomaceous earth, calcined / Diatomaceous earth, calcined / Calcined diatomaceous earth / Silicon dioxide (diatomaceous earth) / Diatomaceous earth, flux-calcined	CAS-No.: 68855-54-9	3 – 8

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Name	Chemical name / Synonyms	Product identifier	%Weight
Diatomaceous earth	Diatomaceous earth Diatomaceous earth, natural / Diatomaceous silica, calcined / Kieselguhr / Kieselguhr (A soft siliceous solid composed of skeletons of small prehistoric aquatic plants. Contains primarily silica.) / Silica (diatomaceous earth) / Silica, amorphous, diatomaceous earth / Silica, amorphous, diatomaceous earth (uncalcined) / Silica, diatomaceous / Silica- amorphous, diatomaceous earth / Diatomaceous earth filler / Diatomaceous earth uncalcined / Silica-amorphous, diatomaceous earth (uncalcined) / Silica, amorphous including natural ores / Diatomaceous earth (uncalcined) / Silica - amorphous, diatomaceous earth (uncalcined) / Diatomite / Silica, amorphous, diatomaceous earth, uncalcined / Amorphous (including diatomaceous earth) / Silica, amorphous - diatomaceous earth (uncalcined) / Amorphous, including natural diatomaceous earth / Silicium dioxide / Diatomaceous earth, not calcined / Silica (Amorphous diatomaceous earth) / DIATOMACEOUS EARTH / Silica, amorphous diatomaceous earth / Diatomaceous earth, not ignited / Amorphous including natural ores / Silica, amorphous and synthetic, diatomaceous earth, uncalcined / Diatomaceous earth, uncalcined / diatomaceous earth / Silicon dioxide Kieselguhr	CAS-No.: 61790-53-2	2 – 8

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Name	Chemical name / Synonyms	Product identifier	%Weight
Silica, cristobalite	Silica, cristobalite Cristobalite / Cristobalite (SiO ₂) / Silica, crystalline - cristobalite / Silica, crystalline, cristobalite / Silica-crystalline, cristobalite / Cristobalite (Silica) / Silica, crystalline cristobalite / Silica - crystalline, cristobalite / Silica crystalline, cristobalite / Silica- crystalline cristobalite / Silica, crystalline-cristobalite / Silica (crystalline, cristobalite) / Silica crystalline cristobalite / Crystalline SiO ₂ , cristobalite / Crystalline silica in the form of cristobalite / Silica, crystalline (cristobalite) / Silica, crystalline / Silica crystalline / Crystalline silica, cristobalite	CAS-No.: 14464-46-1	0 - <5.84
2-(2-Aminoethoxy)ethanol	2-(2-Aminoethoxy)ethanol Ethanol, 2-(2-aminoethoxy)- / 2- Aminoethoxyethanol / Aminoethoxyethanol / Diglycolamine / Diethylene glycol monoamine / 2- Ethanol, (2-aminoethoxy)- / 2-(2- AMINOETHOXY)ETHANOL / 2-(2- Aminoethoxy) ethanol	CAS-No.: 929-06-6	0 – 1
Quartz	Quartz Quartz (SiO ₂) / Silica, crystalline, quartz / Crystalline silica, quartz / .alpha.-Quartz / Silica, crystalline, .alpha.-quartz / QUARTZ / Crystalline silica in the form of quartz / Quartz, silica / Quartz (respirable fraction) / Silica dust / Silica, crystalline-.alpha.quartz / Silica, .alpha.-quartz / Silicon dioxide / Silica, quartz / Silica, crystalline / Quartz (crystalline silica) / Silica dust, crystalline / QUARTZ POWDER / Silica, crystalline (quartz)	CAS-No.: 14808-60-7	0 - <0.52

* The concentrations listed represent actual ranges that result from batch variability.

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general

: IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation

: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact

: IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

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First-aid measures after eye contact

: IF IN EYES: 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.

First-aid measures after ingestion

: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation

: May cause irritation to the respiratory tract.

Symptoms/effects after skin contact

: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/effects after eye contact

: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/effects after ingestion

: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic symptoms

: May cause cancer. Causes damage to organs through prolonged or repeated exposure.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment

: Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media

: Use extinguishing media appropriate for surrounding fire including carbon dioxide (CO2). Dry chemical powder. Halons. ABC-powder.

Unsuitable extinguishing media

: None known.

5.2. Specific hazards arising from the chemical

Fire hazard

: Products of combustion may include, and are not limited to: oxides of carbon. Oxides of nitrogen. Silicon oxides. Irritating vapours.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting

: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

For non-emergency personnel

No additional information available

For emergency responders

Environmental precautions

: Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

For containment

: Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up

: Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

For further information refer to section 8: "Exposure controls/personal protection"

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SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Do not breathe vapours. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures : Wash contaminated clothing before reuse.. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store locked up.

Specific end uses : Not available.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Silica, cristobalite (14464-46-1)

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA	0.025 mg/m ³ (respirable particulate matter)
ACGIH chemical category	Suspected Human Carcinogen

USA - OSHA - Occupational Exposure Limits

Local name	Cristobalite (Silica: Crystalline)
OSHA PEL TWA	50 µg/m ³ (Respirable crystalline silica)
Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use ½ the value calculated from the count or mass formulae for quartz. CAS No. source: eCFR Table Z-1.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts

USA - IDLH - Occupational Exposure Limits

IDLH	25 mg/m ³ (respirable dust)
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USA - NIOSH - Occupational Exposure Limits

NIOSH REL TWA	0.05 mg/m ³ (respirable dust)
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Quartz (14808-60-7)

USA - ACGIH - Occupational Exposure Limits

Local name	Silica crystaline - quartz
ACGIH OEL TWA	0.025 mg/m ³ (respirable particulate matter)
Remark (ACGIH)	TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)
ACGIH chemical category	Suspected Human Carcinogen
Regulatory reference	ACGIH 2023

USA - OSHA - Occupational Exposure Limits

Local name	Quartz (Total Dust) (Silica: Crystalline)
OSHA PEL TWA	50 µg/m ³ (Respirable crystalline silica)

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Quartz (14808-60-7)	
Remark (OSHA)	Table Z-3. For OSHA PEL (TWA) use formula: (30 mg/m ³ / (%SiO ₂ +2)) for mg/m ³ . CAS No. source: eCFR Table Z-1.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
USA - IDLH - Occupational Exposure Limits	
IDLH	50 mg/m ³ (respirable dust)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	0.05 mg/m ³ (respirable dust)
Diatomaceous earth (61790-53-2)	
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	20 mppcf

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:

Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection:

Wear eye/face protection

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. 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. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous liquid.
Colour	: tan Opaque
Odour	: No data available
Odour threshold	: No data available
pH	: 8.45 – 9.05
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >93.3°C (200°F).
Relative evaporation rate (butylacetate=1)	: Not established; based on ingredients the comparative evaporation rate is expected to be <1.

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20°C/ 68 °F	: Not established; based on ingredients the relative vapor density is expected to be >1.
Relative density	: No data available
Density	: 1.01
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 7000 – 9000 mm ² /s
Explosive limits	: No data available
Particle characteristics	: No data available

Silica, cristobalite

Boiling point	2230 °C
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Quartz

Boiling point	2230 °C
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Naphtha (petroleum), heavy alkylate

Boiling point	172 – 215 °C (at 1013 hPa)
Flash point	≥ 44 °C (closed cup)
Auto-ignition temperature	405 °C (at 1013 hPa)
Vapour pressure	1 – 2 hPa (at 20 °C)
Particle characteristics	No data available

2-(2-Aminoethoxy)ethanol

Boiling point	222.5 – 223.8 °C (at 1013 hPa)
Flash point	117 °C (closed cup)
Auto-ignition temperature	370 °C
Vapour pressure	< 0.1 hPa (at 20 °C)
Particle characteristics	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

VOC content : 130.8g/L

SECTION 10 Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

Heat. Incompatible materials. Water-reactive materials.

10.5. Incompatible materials

Strong oxidizers. Strong acids. Strong bases.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Silicon oxides. Oxides of nitrogen. Irritating vapours.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

Kieselguhr, soda ash flux-calcined (68855-54-9)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LC50 inhalation rat	> 2.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Naphtha (petroleum), heavy alkylate (64741-65-7)

LD50 oral rat	> 7000 mg/kg (Source: IUCLID)
LD50 dermal rabbit	> 2000 mg/kg (Source: IUCLID)
LC50 inhalation rat	> 5.04 mg/l/4h

2-(2-Aminoethoxy)ethanol (929-06-6)

LD50 oral rat	3 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 3000 mg/kg
LC50 inhalation rat	> 8.7 mg/m³ (Exposure time: 8 h Source: ECHA_API)

Skin corrosion/irritation : Causes skin irritation.
pH: 8.45 – 9.05

Serious eye damage/irritation : Causes serious eye irritation.
pH: 8.45 – 9.05

Respiratory or skin sensitisation : Not classified.
Germ cell mutagenicity : Not classified.

Carcinogenicity : May cause cancer.

Silica, cristobalite (14464-46-1)

IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	Known Human Carcinogens
In OSHA Hazard Communication Carcinogen list	Yes

Quartz (14808-60-7)

IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	Known Human Carcinogens

NOVUS PLASTIC POLISH #2

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Quartz (14808-60-7)	
In OSHA Hazard Communication Carcinogen list	Yes
Kieselguhr, soda ash flux-calcined (68855-54-9)	
IARC group	3 - Not classifiable
Diatomaceous earth (61790-53-2)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
Naphtha (petroleum), heavy alkylate (64741-65-7)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Causes damage to organs through prolonged or repeated exposure.
Silica, cristobalite (14464-46-1)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Quartz (14808-60-7)	
Additional information	Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a scarring of the lungs. This disease may be disabling as it reduces lung capacity. The risk of contracting silicosis and the severity of the disease is related to the amount of dust exposure and the length of time (usually years) of exposure.
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Kieselguhr, soda ash flux-calcined (68855-54-9)	
NOAEL (oral, rat, 90 days)	3737.9 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
2-(2-Aminoethoxy)ethanol (929-06-6)	
LOAEL (oral, rat, 90 days)	1129 mg/kg bodyweight Animal: rat, Guideline: other:
LOAEL (dermal, rat/rabbit, 90 days)	87 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
NOAEL (oral, rat, 90 days)	340 mg/kg bodyweight Animal: rat, Guideline: other:
Aspiration hazard	: Not classified.
NOVUS PLASTIC POLISH #2	
Viscosity, kinematic	7000 – 9000 mm ² /s
Silica, cristobalite (14464-46-1)	
Viscosity, kinematic	No data available
Quartz (14808-60-7)	
Viscosity, kinematic	No data available
Kieselguhr, soda ash flux-calcined (68855-54-9)	
Viscosity, kinematic	No data available

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According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Diatomaceous earth (61790-53-2)

Viscosity, kinematic	No data available
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Naphtha (petroleum), heavy alkylate (64741-65-7)

Viscosity, kinematic	1.4 – 1.5 mm ² /s Temp.: '40°C' Parameter: 'kinematic viscosity (in mm ² /s)'
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2-(2-Aminoethoxy)ethanol (929-06-6)

Viscosity, kinematic	No data available
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: May cause cancer. Causes damage to organs through prolonged or repeated exposure.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

Naphtha (petroleum), heavy alkylate (64741-65-7)

EC50 - Crustacea [1]	2 mg/l (Exposure time: 48 h - Species: Mysidopsis bahia)
EC50 72h - Algae [1]	30000 mg/l (Species: Pseudokirchneriella subcapitata)

2-(2-Aminoethoxy)ethanol (929-06-6)

LC50 - Fish [1]	350 mg/l Test organisms (species): other:
EC50 - Crustacea [1]	190 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	189 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	160 mg/l (Species: Desmodesmus subspicatus)
NOEC (chronic)	6.14 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

NOVUS PLASTIC POLISH #2

Persistence and degradability	Not established.
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Silica, cristobalite (14464-46-1)

Persistence and degradability	Rapidly degradable
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Quartz (14808-60-7)

Persistence and degradability	Rapidly degradable
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NOVUS PLASTIC POLISH #2

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

Kieselguhr, soda ash flux-calcined (68855-54-9)	
Persistence and degradability	Rapidly degradable
Diatomaceous earth (61790-53-2)	
Persistence and degradability	Rapidly degradable
Naphtha (petroleum), heavy alkylate (64741-65-7)	
Persistence and degradability	Rapidly degradable
2-(2-Aminoethoxy)ethanol (929-06-6)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

NOVUS PLASTIC POLISH #2	
Bioaccumulative potential	Not established.
Kieselguhr, soda ash flux-calcined (68855-54-9)	
BCF - Fish [1]	(no known bioaccumulation)
2-(2-Aminoethoxy)ethanol (929-06-6)	
BCF - Fish [1]	(no bioaccumulation expected)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified.
Fluorinated greenhouse gases	: No
Other information	: No other effects known.

SECTION 13 Disposal considerations

Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
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SECTION 14 Transport information

In accordance with DOT / TDG

14.1. UN Number

UN-No. (DOT)	: Not regulated
UN-No. (TDG)	: Not regulated

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT)	: Not regulated
Proper Shipping Name (TDG)	: Not regulated

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT)	: Not regulated
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NOVUS PLASTIC POLISH #2

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

TDG

Transport hazard class(es) (TDG) : Not regulated

14.4. Packing group

Packing group (DOT) : Not regulated
Packing group (TDG) : Not regulated

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

TDG

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories

15.2. International regulations

No additional information available

15.3. State regulations



This product can expose you to Silica, respirable crystalline, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16 Other Information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022

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Other information : None.

Prepared by : Nexreg Compliance Inc.
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