



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: AMP-UP™ URETHANE ST Part A

Component: Color Base

Product Use: 2-Component Acrylic Polyurethane

Restriction on Use: Restricted to professional users. Restricted to use of AMP-UP™ URETHANE ST Part A with AMP-UP™ URETHANE ST Part B

Manufacturer: No Corrosion, LLC (NoCo)
 1230 52nd St, Ste B
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SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

Physical	Health	Environmental
Flammable liquid, Category 3	Skin irritation, Category 3 Reproductive toxicity, Category 1B STOT SE (respiratory tract), Category 3	Acute aquatic toxicity, Category 3

Label Elements



DANGER!

Contains propylene glycol methyl ether acetate and butyl acetate

- H226 Flammable liquid and vapor.
- H316 Causes mild skin irritation
- H335 May cause respiratory irritation
- H360 May damage fertility or the unborn child
- H402 Harmful to aquatic life

Prevention

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, and lighting equipment.
- P242 Use only non-sparking tools.
- P243 Take action to prevent static discharges.
- P261 Avoid breathing dust, fumes, mist, vapors, and spray.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing, eye protection, and face protection.
- P281 Use personal protective equipment as required.



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Response

P301 + P312 + P330 + P331	IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Remove or take off immediately all contaminated clothing. Rinse skin with water or shower
P304 + P340 + P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308 + P313	IF exposed or concerned: Get medical advice or attention.
P337 + P313	If eye irritation persists: Get medical advice or attention.
P332 + P313	If skin irritation occurs: Get medical advice or attention.
P370 + P378	In case of fire: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam to extinguish.

Storage

P403 + P233 + P235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405	Store locked up.

Disposal

P501	Dispose of contents and container in accordance with local, regional, and federal regulations.
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SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS#</u>	<u>WT.%</u>
Titanium dioxide	13463-67	20.0 – 30.0
Propylene glycol methyl ether acetate	108-65-6	10.0 – 20.0
Butyl acetate	123-86-4	5.0 – 15.0

SECTION 4 FIRST AID MEASURES

General Advice:

Immediately remove any clothing soiled by the product.

In Case of Inhalation:

If breathed in, move person into fresh air. Consult a physician. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

In Case of Skin Contact:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If skin irritation or rash occurs, seek medical advice or attention.

In Case of Eye Contact:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses if present and easy to do. Get medical aid immediately.

In Case of Ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting. Get medical aid immediately.

Indication of any immediate medical attention and special treatment needed

Central nervous system depression. Dermatitis. Abdominal pain, nausea. Vomiting, anorexia. Shortness of breath.



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SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media:

- Suitable extinguishing media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture:

During heating or in case of fire poisonous gases are produced. Irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Advice for firefighters:

Flammable liquid and vapors. Use very large quantities (flooding) of water applied as a mist or spray. Cool all unopened and affected containers with flooding quantities of water. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas.

Protective equipment: Self-contained breathing apparatus and protective clothing to prevent.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Mount respiratory protective device.
- Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

Do not allow to enter sewers/ surface or ground water. Use water spray to cool and disperse vapors and protect personnel.

Methods and material for containment and cleaning up:

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, vermiculite).
- Dispose contaminated material as waste according to item 13.
- Ensure adequate ventilation.

Reference to other sections

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

SECTION 7: HANDLING and STORAGE

Handling:**Precautions for safe handling**

- Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.
- Prevent formation of aerosols.

Information about protection against explosions and fires:

- Keep ignition sources away - Do not smoke.
- Protect against electrostatic charges.
- Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

- Keep receptacle tightly sealed.
- Store in cool, dry conditions in well sealed receptacles.

Instructions for use: Stir well before using. Use only with AMP-UP™ URETHANE ST Part B.



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SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure Guidelines: The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. This product may also contain pigments that are otherwise non hazardous according to the US GHS: REFER TO ACGIH TLV NUISANCE PARTICULATE GUIDANCE OF 10 mg/m³ total dust, 5 mg/m³ respirable fraction. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

COMPONENT	CAS#.	Exposure Limits
Titanium dioxide	13463-67-7	PEL: 15 mg/m ³ (dust) TLV: 10 mg/m ³ (dust)
Propylene glycol methyl ether acetate	108-65-6	Not established
Butyl acetate	123-86-4	PEL: 150 ppm TLV: 150 ppm STEL: 200 ppm

Appropriate Engineering Controls: Use adequate general or local exhaust ventilation to minimize exposure levels.

Personal Protective Equipment:

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Adequate ventilation should be used as the first measure to ensure airborne thresholds listed in section 8 of this SDS are not exceeded. If respirators are used, they should be used in accordance with the Hazard Communication Standard.

Gloves: Wear suitable gloves. Impervious gloves. Wear nitrile or natural rubber gloves to protect hands from contact. Butyl gloves are best for prolonged contact.

Eye Protection: Face protection shield required.

Other Protective Equipment: An eye wash and safety shower should be available in the work area.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Form: Liquid

Odor: Characteristic

pH: Not established

Melting/Freezing Point: Not established

Vapor Pressure: 8.4 mm Hg (68 °F)

Vapor Density (AIR=1): Heavier than air

Solubility in Water: Not miscible or difficult to mix

Flammable Limits (vol % in air): >1.2 vol%, <7.5 vol%

Ignition Temperature: Not established

Appearance: paint

Odor Threshold: Not established

Boiling Point/Range (@ 760 mmHg): 121.1 °C / 250 °F

Relative Density (H₂O=1): 1.198 ± 0.240

VOC: 36 vol%

Evaporation Rate: slower than ether

Flash Point: 27.2 °C / 81 °F

Autoignition Temperature: Not established

Decomposition Temperature: Not established

SECTION 10: STABILITY and REACTIVITY

Reactivity: Non-reactive under normal conditions.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: Heat, flames and sparks. Exposure to air or moisture over prolonged periods.

Incompatible Materials: Avoid oxidizing agents, strong acids and strong bases.

Hazardous Decomposition Products: Thermal decomposition will release oxides of carbon and nitrogen and hydrocarbons. Thermal decomposition can lead to release of irritating and toxic gases and vapors.



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SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

COMPONENT	CAS#.	Toxicity Data
Propylene glycol methyl ether acetate	108-65-6	LD50 (oral) = 8,532 mg/kg rat LD50 (dermal) = 5000 mg/kg rabbit LC50 (inhalation) = 1,105 mg/m ³ /4h
Butyl acetate	123-86-4	LD50 (oral) = 10,760mg/kg rat LD50 (dermal) = 14,112 mg/kg rabbit

Primary irritant effect:

· on the skin: Mild irritant effect.

· on the eye: Mild irritating effect.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

Carcinogenic categories

IARC (International Agency for Research on Cancer)

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP (National Toxicology Program)

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA-Ca (Occupational Safety & Health Administration)

No ingredient of this product present at levels higher that or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: Harmful to aquatic life.

COMPONENT	CAS#.	Aquatic Toxicity Data
Titanium dioxide	13463-67-7	No data available
Propylene glycol methyl ether acetate	108-65-6	LC50 = 100 mg/L/96 h <i>oncorhyncus mykiss</i> (rainbow trout) EC50 > 500 mg/L/48 h <i>daphnia magna</i> (water flea)
Butyl acetate	123-86-4	LC50 = 18 mg/L/96 h <i>pimephales promelas</i> (fathead minnow) EC50 = 48 mg/L/48 h <i>daphnia magna</i> (water flea) EC50 = 397 mg/L/72 h <i>pseudokirchneriella subcapitata</i> (green algae)

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods



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Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to local, state, and federal environmental regulations regulations.

SECTION 14: TRANSPORT INFORMATION

DOT

Shipping Name: PAINT RELATED MATERIAL

UN Number: UN1263

Hazard Class: 3

Packing Group: III

TDG

Shipping Name: PAINT RELATED MATERIAL

UN Number: UN1263

Hazard Class: 3

Packing Group: III

IATA

Shipping Name: PAINT RELATED MATERIAL

UN Number: UN1263

Hazard Class: 3

Packing Group: III

IMDG

Shipping Name: PAINT RELATED MATERIAL

UN Number: UN1263

Hazard Class: 3

Packing Group: III

EmS-No.: F-E, S-E

Reportable Quantities

COMPONENT	CAS#.	EPA SARA 304 RQ
Butyl acetate	123-86-4	5000 lb

SECTION 15: REGULATORY INFORMATION

EPA SARA 311 Hazard Classification: Refer to Section 2 for OSHA Hazard Classification.

EPA SARA 313: This product does not contain chemicals regulated under SARA Title III, section 313:

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory.

California Proposition 65: This product contains one or more chemicals known to the State of California to cause cancer and/or reproductive harm.

SECTION 16: OTHER INFORMATION

SDS Date of Preparation/Revision:

06/03/2022 – Prepared

NFPA Rating: Health: 2 Fire: 3 Instability: 0



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HMIS Rating: Health: 2 Fire: 3 Physical Hazards: 0 Personal Protection: X

Notice to Reader:

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