



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: AMP-UP™ URETHANE PE Part A

Component: Color Base

Product Use: 2-Component Polyester Polyurethane

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

Manufacturer: No Corrosion, LLC. (NoCo)
 1230 52nd St, Ste B
 West Palm Beach, FL 33407

Telephone: +1 (561) 570-2994 (9AM – 5PM EST)

Emergency: +1 (800) 424-9300 (ChemTrec)

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

Health	Environmental	Physical
Acute toxicity (oral), Category 4 Acute toxicity (skin), Category 4 Acute toxicity (inhalation), Category 4 Skin irritation, Category 3 Serious eye irritation, Category 2B Reproductive toxicity, Category 1B STOT SE (respiratory tract), Category 3	Acute aquatic toxicity, Category 3	Flammable liquid, Category 2

Label Elements



DANGER!

Contains propylene glycol methyl ether acetate, 2-heptanone, xylenes, methyl ethyl ketone, and ethylbenzene

- H225 Highly flammable liquid and vapor
- H302 + H332 Harmful if swallowed or if inhaled
- H305 May be harmful if swallowed and enters airways
- H312 Harmful in contact with skin
- H316 Causes mild skin irritation
- H320 Causes eye irritation
- H332 Harmful if inhaled
- 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.



SAFETY DATA SHEET

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.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves, protective clothing, eye protection, and face protection.
P281	Use personal protective equipment as required.
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.
P312	Call a POISON CENTER or doctor if you feel unwell.
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.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS#	WT.%
Titanium dioxide	13463-67	35.0 – 45.0
Polyester polyurethane	Proprietary	25.0 – 35.0
Propylene glycol methyl ether acetate	108-65-6	5.0 – 15.0
2-Heptanone	110-43-0	5.0 – 15.0
Xylenes (mixed isomers)	1330-20-7	1.0 – 5.0
Methyl ethyl ketone	78-93-3	1.0 – 5.0
Ethylbenzene	100-41-4	0.1 – 1.0

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:



SAFETY DATA SHEET

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.

Information for doctor:

Most important symptoms and effects, both acute and delayed:

Ingestion	May be harmful if swallowed. May be harmful if inhaled. May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal.
Inhalation	May be harmful if inhaled. Inhalation of vapor may cause respiratory tract irritation. Vapors may cause dizziness or suffocation. Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness, and coma.
Skin contact	May be harmful if absorbed through the skin. Causes mild skin irritation. Prolonged and/or repeated contact may cause irritation and/or dermatitis. Causes redness and pain.
Eye contact	Causes severe eye irritation. Causes redness through the skin.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media:	CO ₂ , 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:



SAFETY DATA SHEET

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 PE Part B.

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)
Polyester polyurethane	proprietary	Not established
Propylene glycol methyl ether acetate	108-65-6	Not established
2-Heptanone	110-43-0	PEL: 100 ppm TLV: 50 ppm
Xylene	1330-20-7	PEL Long-term value: 435 mg/m ³ , 100 ppm REL Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm TLV Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI



SAFETY DATA SHEET

Methyl ethyl ketone	78-93-3	PEL: 200 ppm TLV: 200 ppm STEL: 300 ppm
Ethylbenzene	100-41-4	PEL: 100 ppm TLV: 100 ppm STEL: 125 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: 7.1 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): >1.0 vol%, <11.5 vol%

Ignition Temperature: Not established

Appearance: paint

Odor Threshold: Not established

Boiling Point/Range (@ 760 mmHg): >104.4 °C / >220 °F

Relative Density (H₂O=1): 1.528

VOC: 46 vol%

Evaporation Rate: slower than ether

Flash Point: -6.7 °C / 20 °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.

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
2-Heptanone	110-43-0	LD50 (oral) = 1,600 mg/kg rat LD50 (dermal) = 12,600 mg/kg rabbit LC50 (inhalation) = 4,000 ppm/4h



SAFETY DATA SHEET

Xylene	1330-20-7	LD50 (oral) = 3,523 mg/kg rat LD50 (dermal) = 1,700 mg/kg rabbit LC50 (inhalation) = 29.09 mg/L/4h rat
Methyl ethyl ketone	78-93-3	LD50 (oral) = 2,193 mg/kg rat LD50 (dermal) = 6,480 mg/kg rabbit LC50 (inhalation) = 32,000 mg/m ³ /4h rat
Ethylbenzene	100-41-4	LD50 (oral) = 3,500 mg/kg rat LD50 (dermal) = 15,433 mg/kg rabbit LC50 (inhalation) = 17.8 mg/L/4h rat

Primary irritant effect:

- on the skin: Mild irritant effect.
- on the eye: Serious 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 than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: Toxic to aquatic life.

COMPONENT	CAS#.	Aquatic Toxicity Data
Titanium dioxide	13463-67-7	No data available
Polyester polyurethane	proprietary	No data available
Propylene glycol methyl ether acetate	108-65-6	LC50 = 100 mg/L/96 h <i>oncorhynchus mykiss</i> (rainbow trout) EC50 > 500 mg/L/48 h <i>daphnia magna</i> (water flea)
2-Heptanone	110-43-0	LC50 = 126 mg/L/96 h <i>pimephales promelas</i> (fathead minnow) EC50 = 90.1 mg/L/48 h <i>daphnia magna</i> (water flea) EC50 = 98.2 mg/L/72 h <i>pseudokirchneriella subcapitata</i> (green algae)
Xylene	1330-20-7	LC50 = 2.6 mg/L/96 h <i>oncorhynchus mykiss</i> (rainbow trout) EC50 = 4.36 mg/L/72 h <i>pseudokirchneriella subcapitata</i> (green algae)
Methyl ethyl ketone	78-93-3	LC50 = 2,993 mg/L/96 h <i>pimephales promelas</i> (fathead minnow) EC50 = 308 mg/L/48 h <i>daphnia magna</i> (water flea) EC50 = 1,972 mg/L/72 h <i>pseudokirchneriella subcapitata</i> (green algae)
Ethylbenzene	100-41-4	LC50 = 4.2 mg/L/96 h <i>oncorhynchus mykiss</i> (rainbow trout) EC50 = 1.8 mg/L/48 h <i>daphnia magna</i> (water flea) EC50 = 3.6 mg/L/96 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:



SAFETY DATA SHEET

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

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: II

TDG

Shipping Name: PAINT RELATED MATERIAL

UN Number: UN1263

Hazard Class: 3

Packing Group: II

IATA

Shipping Name: PAINT RELATED MATERIAL

UN Number: UN1263

Hazard Class: 3

Packing Group: II

IMDG

Shipping Name: PAINT RELATED MATERIAL

UN Number: UN1263

Hazard Class: 3

Packing Group: II

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

Reportable Quantities

COMPONENT	CAS#.	EPA SARA 304 RQ
Xylene	1330-20-7	100 lb
Methyl ethyl ketone	78-93-3	5000 lb
Ethylbenzene	100-41-4	1000 lb

SECTION 15: REGULATORY INFORMATION

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

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:

Chemical Name	CAS Number
Xylene	1330-20-7



SAFETY DATA SHEET

Ethylbenzene	100-41-4
--------------	----------

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:

04/05/2022 – Prepared

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

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

**Chronic Health Hazard*

Notice to Reader:

The information provided herein is believed by No Corrosion, LLC. (“NOCO”) to be accurate at the time of preparation or prepared from sources believed to be reliable but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. NOCO MAKES NO WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY NOCO, except that the product shall conform to NOCO’s specifications. Nothing contained herein constitutes an offer for the sale of any product.