



SAFETY DATA SHEET 503A12E: READY TO USE

Issued: May 12, 2025

Supersedes: June 15, 2023

FORMULA X™ BASEBOARD GEL STRIPPER

1: IDENTIFICATION

Product Name: Formula X Baseboard Gel Stripper

Product Number: 503A12E

Recommended Use: Aerosol floor finish stripper

Ready to use.

Product intended for commercial and industrial use only.

Uses Advised Against: Other than per labelled instructions

Manufacturer Address:

Amano Pioneer Eclipse Corporation

P.O. Box 909

1 Eclipse Road

Sparta, NC 28675

Telephone: 1-336-372-8080

Email: sds@pioneereclipse.com

Internet: www.pioneereclipse.com

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

2: HAZARDS IDENTIFICATION

Classification: Skin Corrosion - Category 1

Eye Damage - Category 1

Corrosive to Metals

Aerosols - Category 3

Signal Word: DANGER

Pictogram:



Hazard Statements:

Causes severe skin burns and eye damage.

Causes serious eye damage.

Pressurized container: May burst if heated.

May be corrosive to metals.

Precautionary Statements:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not pierce or burn even after use.

Do not breathe mist/vapors/spray.

Wash thoroughly after handling.

Wear protective gloves and eye protection.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician if you feel unwell.

Wash contaminated clothing before reuse.

Absorb spillage to prevent material damage.

Store locked up.

Store in a well-ventilated place.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Dispose of contents/container according to local, regional and national regulations.

Other Hazards: None known

Supplemental Information: None known



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3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
2- butoxyethanol	111-76-2	1 - 5
monoethanolamine	141-43-5	1 - 5
butane (propellant mixture)	106-97-8	8
propane (propellant mixture)	74-98-6	2

* Exact concentration of the ingredients has been withheld as a trade secret.

4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

- Eye Contact:** Immediately wash out with water for at least 15 minutes. (If easy to do, remove contact lenses, if worn.) Seek medical attention immediately.
- Skin Contact:** Immediately wash with plenty of water for at least 15 minutes. (Remove any contaminated clothing and shoes.) Seek medical attention immediately.
- Inhalation:** If breathing is difficult. Remove subject to fresh air. Seek medical attention immediately.
- Ingestion:** Call a physician or poison control center immediately. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Eye Contact:** Causes severe irritation, discomfort or pain, excess blinking and tear production, redness and swelling.
- Skin Contact:** Brief contact may cause irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling.
- Inhalation:** High vapor/aerosol concentrations are irritating to respiratory tract.
- Ingestion:** May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

5: FIRE-FIGHTING MEASURES

Suitable Extinguishing media: Water spray, fog or foam.

Specific Hazards:

In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition an flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire a high speed.

Protective Equipment and Precautions:

Promptly isolated the scene by removing all persons from the vicinity of the incident if there is a fire. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery: use care to avoid falling.

Environment Precautions: Prevent runoff from entering drains, sewers, streams or other bodies of water.

CONTAINMENT AND CLEAN-UP

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7: HANDLING AND STORAGE

Precautions for Safe Handling: Do not use near heat, sparks or open flame. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use.



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Conditions for Safe Storage:

Do not store near heat, sparks or open flame. Exposure to temperatures above 120°F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place.

Other Information:

Keep out of reach of children. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

Ingredient	CAS Number	ACGIH		OSHA	
		TWA	STEL	TWA	STEL
butane (propellant mixture)	74-98-6	600 ppm	-	NL	-
propane (propellant mixture)	106-97-8	1000 ppm	-	1000 PPM	-
2-butoxyethanol	111-76-2	20 ppm (BEI)	-	50 ppm (skin)	-
monoethanolamine	141-43-5	3 ppm	6 ppm	3 ppm	-

Engineering Controls:

Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

Personal Protective Equipment (PPE)

Eye/Face Protection:

Wear eye protection.

Skin Protection:

Wear chemical resistant gloves.

Respiratory Protection:

Respiratory protection should be worn when there is a potential of inadequate ventilation. If exposure limits are exceeded or symptoms are experienced, use an approved respirator, with an organic vapor cartridge.

Hygiene Measures:

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

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Gel spray

Color:

Clear, colorless

Odor:

Butyl odor

Melting Point/Freezing Point:

Data not available

Boiling Point/Boiling Range:

Data not available

Flammability:

Non-flammable per CPSC Flame Projection Test

Upper/Lower Flammability Limits:

Data not available

Flash Point:

>200 °F / >93 °C (liquid portion)

Auto-Ignition Temperature:

Data not available

Decomposition Temperature:

Data not available

pH:

12.5

Viscosity:

Data not available

Solubility:

Miscible in water

Partition Coefficient:

Data not available

Vapor Pressure:

Data not available

Density:

8.3 lb/gal @ 68°F / 1.0 kg/l @ 20°C

Vapor Density:

Data not available

Particle Characteristics:

Not applicable

VOC:

19%

10: STABILITY AND REACTIVITY

Reactivity:

Not reactive under normal conditions.

Stability:

Stable under normal conditions.

Hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid:

High temperatures, open flames, sparks, welding

Incompatible materials:

Strong acids and oxidizing agents. Do not mix with other chemicals unless stated on the product label.



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Hazardous decomposition products: carbon monoxide, carbon dioxide

11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Skin contact: Can cause skin burns.
Eye contact: Can cause serious eye damage
Inhalation: None expected under normal use.
Ingestion: None expected under normal use.

ACUTE TOXICITY: Based on available data, classification criteria are not met.

ATE_{mix} (oral): > 2000 mg/kg
ATE_{mix} (dermal): > 2000 mg/kg
ATE_{mix} (inhalation): > 20 mg/l (4 hr/vapor)

SKIN CORROSION/IRRITATION: Classified as Skin Corrosive - Category 1B
Causes severe skin burns.

SERIOUS EYE DAMAGE/IRRITATION: Classified as Eye Damage - Category 1
Causes serious eye damage.

RESPIRATORY OR SKIN SENSITIZATION: Based on available data, the classification criteria are not met.

GERM CELL MUTAGENICITY: Based on available data, the classification criteria are not met.

CARCINOGENICITY: Based on available data, the classification criteria are not met.

REPRODUCTIVE TOXICITY: Based on available data, the classification criteria are not met.

STOT-SINGLE EXPOSURE: Based on available data, the classification criteria are not met.

STOT-REPEATED EXPSURE: Based on available data, the classification criteria are not met.

ASPIRATION HAZARD: Based on available data, the classification criteria are not met.

COMPONENT INFORMATION

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation (Dust/Mist)
2- butoxyethanol	1300 mg/kg	> 2000 mg/kg	guinea pig (1hr) >3.1 mg/L
monoethanolamine	1515 mg/kg	2504 mg/kg	rat (4hr) >1.3 mg/L

Carcinogenicity:

Component	IARC	NTP	OSHA
2- butoxyethanol	IARC 3	not listed	not listed

12: ECOLOGICAL INFORMATION

Ecotoxicity: Ecological testing has not been completed on the mixture.
Persistence and Degradability: Data not available.
Bioaccumulative Potential: Data not available.
Mobility in Soil: Data not available.
Other Adverse Effects: Data not available.

13: DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, regional and national regulations.

14: TRANSPORT INFORMATION

UN Number: UN1950
UN Proper Shipping Name: Aerosols, corrosive, Packing Group III, (each not exceeding 1 L capacity)
Hazard Class: 2.2, 8
Packing Group: III
Marine Pollutant: None
Transport in Bulk According to IMO Instruments: Product is not transported in bulk.



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Other Information:

Shipped as Limited Quantity; each not exceeding 1L capacity.

15: REGULATORY INFORMATION

U.S. REGULATIONS/REPORTING:

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
2- butoxyethanol	111-76-2	Not listed	5% †	Not listed

†- listed as Glycol Ethers

STATE RIGHT-TO-KNOW STATUS:

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
2- butoxyethanol	111-76-2	present	present	present	present
monoethanolamine	141-43-5	present	present	present	present

CALIFORNIA PROPOSITION 65:

Components are not present on CA Prop 65 listing.

16: OTHER INFORMATION

Abbreviations Used:

ATE(mix)	Acute Toxicity Estimate (mixture)
CAS	Chemical Abstract Service Number
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
HPR	Hazardous Products Regulations
IARC	International Agency for Research on Cancer
IARC 3	Unclassifiable as to carcinogenicity in humans
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
NPRI	National Pollutant Release Inventory
NTP	National Toxicology Program Report on Carcinogens
OSHA	Occupational Safety and Health Administration
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet
VOC	Volatile Organic Compound

Revision Information:

May 12, 2025 - Revisions § 1, 2, 4, 8, 9, 11, 14 & 16

Health: 3
Flammability: 1
Reactivity: 0

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This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

****IMPORTANT SAFETY INFORMATION**DO NOT DISCARD**PLEASE ROUTE TO COMPANY SAFETY OFFICER****