



SAFETY DATA SHEET 503A12: READY TO USE

Issued: May 27, 2016
Supersedes: June 15, 2015

FORMULA X™ BASEBOARD GEL STRIPPER

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Formula X Baseboard Gel Stripper **Product Number:** 503A12
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
Gas under pressure - Liquefied gas

Signal Word: DANGER

Pictogram:



Hazard Statements:

Causes severe skin burns and eye damage.
Causes serious eye damage.
Contains gas under pressure; may explode 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 breathe mist/vapours/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: In case of contact, immediately flush eye with plenty of water for at least 15 minutes. (If easy to do, remove contact lenses, if worn). Seek medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.

Inhalation: If breathing is difficult. Remove subject to fresh air. Seek medical attention immediately.

Ingestion: Call a physician or poison control center. Do not induce vomiting. Seek medical advice immediately.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye Contact: Causes eye burns.

Skin Contact: Causes skin burns.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: May cause burns to mouth, throat and stomach.

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.

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.



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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	NL	NL
propane (propellant mixture)	106-97-8	1000 ppm	NL	1000 PPM	NL
2-butoxyethanol	111-76-2	20 ppm (BEI)	NL	50 ppm (skin)	NL
monoethanolamine	141-43-5	3 ppm	6 ppm	3 ppm	NL

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: Safety eyewear is recommended, to avoid chemical splashes and mists.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (rubber, nitrile or neoprene).

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.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear, colorless spray
Odor: butyl
Odor Threshold: data not available
pH: 12.5
Freezing Point: data not available
Boiling Point: data not available
Flash Point: >200°F / >93°C (liquid portion)
Evaporation Rate: less than water
Flammability (solid/gas): Non-flammable per CPSC Flame Projection Test
Flammability limits: data not available
Vapor Pressure: data not available
Vapor Density: data not available
Relative Density: 8.3 lb/gal @ 68°F / 1.0 kg/l @ 20°C
Solubility: miscible in water
Partition Coefficient: data not available
Auto Ignition temperature: data not available
Decomposition Temperature: data not available
Viscosity: data not available
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.
Hazardous decomposition products: carbon monoxide, carbon dioxide

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not determined on product.



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LOCAL EFFECTS

Skin contact: Corrosive
Eye contact: Corrosive
Sensitization: None expected
Chronic effects: None expected

SPECIFIC EFFECTS

Carcinogenicity: None known
Reproductive effects: None known
Teratogenicity: None known
Mutagenicity: None known

COMPONENT INFORMATION

Component	LD50 Oral-Rat (mg/kg)	LD50 Dermal - Rabbit (mg/kg)	LC ₅₀ Inhalation-Rat (mg/l)
2- butoxyethanol	470	220	2.2 (4 hr)
monoethanolamine	1720	1025	N/A

Carcinogenicity:

Component	IARC	NTP	OSHA
2- butoxyethanol	IARC 3	N/L	N/L

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
Hazard Class: 2.2, 8
Packing Group: III
Marine Pollutant: None
Transport in Bulk: N/A
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	N/L	5% †	RQ not assigned

†- 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.

CANADA REGULATIONS/REPORTING: This product has been classified in accordance with the hazard criteria of the Hazardous Product Regulation (HPR) and the SDS contains the information required by the HPR.



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16: OTHER INFORMATION

Abbreviations Used:

N/A - Not applicable
N/E - Not Established
N/L - Not Listed
IARC 3- Unclassifiable as to carcinogenicity in humans

Revision Information:

May 27, 2016 - Logo change, email address, minor edits

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****