



Safety Data Sheet

210 Plastic Cleaner/Polish LOW VOC

Section 1. Identification

Product Identifier	210 Plastic Cleaner/Polish LOW VOC		
Synonyms	N/A		
Manufacturer Stock Numbers	FG ID#23306, 23307; Mix ID# 90808		
Recommended use	Aerosol cleaner and polish for use on plastic.		
Uses advised against	None		
Manufacturer Contact Address	Shield Packaging Co., Inc. 50 Oxford Ave. Dudley, MA, 01570		
Phone	Emergency Phone	Fax	
(508) 949-0900	(800) 424-9300 CHEMTREC CHEMTREC 24 HR. Emergency Telephone Number	(508) 943-1473	
Email	rfellows@shieldpackaging.com		

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2B FLAMMABLE AEROSOLS - Category 1 HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD - Category 3 SKIN CORROSION/IRRITATION - Category 3 SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
Signal Word	Danger
Pictogram	
Hazard Statements	Causes eye irritation Causes mild skin irritation Extremely flammable aerosol

	Harmful to aquatic life with long lasting effects May cause respiratory irritation; or May cause drowsiness or dizziness
Precautionary Statements	
Response	Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation occurs: Get medical advice/attention.
Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Avoid release to the environment Do not spray on an open flame or other ignition source. Keep away from heat. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Wash hand after breaks and immediately after handling the product.
Storage	Protect from sunlight. Do not expose to temperatures exceeding 50 ¼C/122 ¼F. Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container to licensed wasted disposal contractor.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	COLOR: Colorless FORM: Clear gas ODOR: Odorless Potential Physical/Chemical Effects: GENERAL: May cause temporary irritation, tearing and blurred vision. May be harmful if swallowed. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe lung injury. Excessive inhalation may cause irritation to the respiratory tract. INHALATION: Acute exposures may cause nausea, vomiting, coughing and pulmonary irritation. No apparent ill effects in breathing concentrations of 5% for 2 hours. Causes drowsiness in a short time in concentrations of 1%. Chronic exposure may cause dizziness, weakness, peripheral numbness and nervousness. SKIN: Contact with liquid may freeze tissue, similar to thermal burn. EYE: Contact with liquid can freeze tissue similar to thermal burn. INGESTION: Not a likely route of exposure under normal product handling conditions. CHRONIC EFFECTS: Chronic exposure may cause dizziness, weakness, peripheral numbness and nervousness. ROUTES OF EXPOSURE: Skin and/or eye contact. Inhalation. TARGET OF ORGANS: Respiratory system. OSHA REGULATORY STATUS: This product is hazardous according to OSHA 29CFR 1910.1200. ENVIRONMENT: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
	No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
75-28-5	Isobutane	2% - 4%
74-98-6	Propane	2% - 6%
64742-47-8	Hydrotreated Petroleum Distillates	25% - 35%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General:	Get medical advice/attention if you feel unwell. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove affected person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.
Skin Contact:	May cause frostbite. Seek medical attention.
Eye Contact:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice.
Ingestion	If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person.
Treatment:	Treatment based on judgment of physician in response to reactions of the patient.
Notes to the Physician:	

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon Dioxide - Dry Chemical - Foam. Use water to cool material stored in vicinity of fire. Under fire conditions this product may decompose to give off toxic gasses such as carbon monoxide, carbon dioxide and nitrogen oxides. Under fire conditions, keep aerosol cans cool with a water stream. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/OSHA (approved or equivalent) and full protective gear.
Unsuitable Extinguishing Media	N/A

Section 6. Accidental Release Measures

Personal Precautions:	Wear appropriate personal protection equipment. For personal protection see section 8.
Environmental Precautions:	Avoid dispersal of spilled material and runoff, also avoid contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Contaminated absorbent and wash water should be disposed of according to local, state and federal regulations.
Spill Cleanup Methods:	Remove all sources of ignition. Isolate and control access to the release area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Notification Procedures:	Stop leak if possible. Eliminate all sources of ignition. Prevent vapor from entering sewers, basements or confined areas. Take note of any information in Section 8 on suitable personal protective equipment.

Section 7. Handling and Storage

Handling	Keep away from heat and ignition sources - No smoking. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with skin, eyes and clothing. Avoid breathing vapors of this product. Mechanical ventilation should be used when handling this product in enclosed spaces. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions on the label. Do not expose containers to heat, flame, sparks or other ignition sources, they may explode and cause injury or death. Empty containers may retain product residues and may be dangerous.
Storage	Store in a cool, dry well ventilated area away from heat and ignition sources. Keep in the original container tightly closed. Keep away from incompatible materials, oxidizers, strong base and strong acids. Empty containers may retain product residues.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Isobutane	800ppm	800ppm	N/A
	Propane	1000ppm	1000ppm	N/A
	Hydrotreated Petroleum Distillates	N/A	N/A	N/A
Personal Protective Equipment Protective Measures: Respiratory Protection: Eyes and Face Protection: Skin and Body Protection: Hygiene Measures:	Goggles, Gloves, Face Shield Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits Under normal conditions, respirator is not normally required. Wear chemical goggles. Use impervious insulated gloves. Provide eyewash station and safety shower. Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Avoid contact with eyes, skin, and face. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Contaminated work clothing should not be allowed out of the workplace.			

Section 9. Physical and Chemical Properties

Physical State	Liquid in aerosol can
Color	White, Milky opaque
Odor	Slight solvent odor
Odor Threshold	N/A
Solubility	Insoluble in water
Partition coefficient Water/n-octanol	N/A
Viscosity	N/A
Specific Gravity	0.92
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	> 1
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	> 1

Section 10. Stability and Reactivity

Stability:	This is a stable material.
Possibility of Hazardous Reactions:	Will not occur.
Conditions to Avoid:	Ignition sources. High temperatures.
Incompatible Materials:	Do not expose to strong oxidizing agents.
Hazardous Decomposition Products:	Not determined.

Section 11. Toxicological Information

Acute Toxicity (Oral):	Not determined
Acute Toxicity (Dermal):	Not determined
Inhalation:	Not determined
Ingestion:	Not determined
Skin Corrosion/Irritation	Skin Corrosion/Irritation Category 1A
Serious Eye Damage/Eye Irritation	Eye Damage/Irritation Category 1
Respiratory Sensitizer/Skin Sensitizer:	Sensitization - Respiratory Category 1
Carcinogenicity:	Not classified. None of the ingredients present in this product at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.
Mutagenesis:	Not determined
Reproductive Toxicity:	Not determined
Other Effects:	Specific target organ toxicity (single exposure): STOT Single exposure 3

Section 12. Ecological Information

Ecotoxicity:	This product may be toxic to fish or other aquatic organisms. Do NOT discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. Contact your State Water Board or Regional Office of the EPA for guidance.
Acute Toxicity (Fish):	N/A
Chronic Toxicity (Fish):	N/A
Acute Toxicity (Aquatic Invertebrates):	N/A
Chronic Toxicity (Aquatic Invertebrates):	N/A
Acute Toxicity (Aquatic Plants):	N/A
Persistence and Degradability:	N/A
Bioaccumulative Potential:	N/A
Mobility:	N/A

Section 13. Disposal

Disposal Method:	All wastes must be handled in accordance with local, state and federal regulations. See section 7 for Handling Procedures. See section 8 for Personal Protective Equipment recommendations.
Component Waste Numbers:	No EPA Waste Numbers are applicable for this product's components.

Section 14. Transport Information

UN Number 1950
UN Proper Shipping Name LIMITED QUANTITY
DOT Classification LTD QTY
Packing Group LTD QTY
IMDG - INTERNATIONAL
MARITIME DANGEROUS
GOODS CODE
UN Number: UN1950
UN Proper Shipping Name: AEROSOLS, FLAMMABLE
Transport Hazard Class(es): 2.1 (6.1)
Subsidiary Risk Label: N/A
Packing Group: N/A
Label(s): LIMITED QUANTITY
Marine Pollutant: N/A
EmS No.: N/A
IATA
UN Number: UN1950
Proper Shipping Name: AEROSOLS, FLAMMABLE
Transport Hazard Class(es): 2.1 (6.1)
Subsidiary Risk Label: N/A
Packing Group: N/A
Label(s): LIMITED QUANTITY

Section 15. Regulatory Information

INVENTORY STATUS

Australia AICS:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
EU EINECS List:	On or in compliance with the inventory
EU ELINCS List:	On or in compliance with the inventory
Japan (ENCS) List:	Not in compliance with the inventory
EU No Longer Polymers List:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory
Canada NDSL Inventory:	Not in compliance with the inventory
Philippines PICCS:	Not in compliance with the inventory
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	On or in compliance with the inventory
Switzerland Consolidated Inventory:	Not in compliance with the inventory
Japan ISHL Listing:	Not in compliance with the inventory
Japan Pharmacopoeia Listing:	Not in compliance with the inventory

US REGULATIONS

CERCLA Hazardous Substance List (40 CFR 302.4):	None listed.
Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):	None listed.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	None listed

SARA TITLE III

Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A):	There are no SARA Title III Section 302 Extremely Hazardous Substances present in this product (40 CFR 355, Appendix A).
Section 311/312 (40 CFR 370):	(X) Acute (Immediate) (X) Chronic (Delayed) (X) Fire () Pressure Generating () Reactive
Section 313 Toxic Release Inventory (40 CFR 372):	This product contains no toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 49 CFR 372.

STATE REGULATIONS

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)	None listed
Massachusetts Right-To-Know List	None listed
New Jersey Right-To-Know List	None listed

Pennsylvania Right-To-Know None listed.
List:

Section 16. Other Information

Revision Date

12/29/2014

Additional Information

The information contained in this Safety Data Sheet is furnished without warranty of any kind, expressed or implied. Information in this Data Sheet has been assembled by the manufacturer based on its own studies and on the work of others and is believed to be correct as of the date issued. However, no warranty of any kind is expressed or implied as to the accuracy, completeness, or adequacy of the information obtained herein. The Manufacturer shall not be liable, regardless of fault, to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of, or in connection with, the accuracy, completeness, or adequacy of the information obtained herein. It is intended to assist in the normal safe usage of the product.