



Material Safety Data Sheet

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Elastiwrap Surface Prep
Product code 14933Z
Product Type Flammable aerosol
Recommended Use Surface Prep

Manufactured For:
 Eastwood
 263 Shoemaker Rd
 Pottstown, PA 19464

Chemical Emergency Phone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

CAUTION!

Emergency Overview

Flammable aerosol
 Irritating to respiratory system
 Irritating to skin
 Irritating to eyes
 Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal
 Contents under pressure

Appearance opaque

Physical state Aerosol

Odor Mild

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Potential Health Effects

Principle Routes of Exposure Eye contact. Skin contact. Inhalation.

Acute toxicity

Eyes

Irritating to eyes.

Skin

Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis. May cause frostbite.

Inhalation

Irritating to respiratory system. Avoid breathing vapors or mists. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

Ingestion

Not an expected route of exposure. Potential for aspiration if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis.

Main Symptoms	Prolonged skin contact may defat the skin and produce dermatitis.
Aggravated Medical Conditions	No information available.
Interactions with Other Chemicals	Oxidizing agents
Environmental hazard	See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
PETROLEUM DISTILLATES	64742-47-8	25-30
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	10-15
ANHYDROUS ALUMINUM SILICATE	66402-68-4	1-5

4. FIRST AID MEASURES

General advice	Show this material safety data sheet to the doctor in attendance.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.
Skin contact	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Get medical attention immediately if symptoms occur.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
Ingestion	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Flammable.			
Flash point	-156 °F / -104.4 °C			
Method	Based on propellant			
Suitable Extinguishing Media	Foam. Dry chemical. Alcohol-resistant foam. Carbon dioxide (CO2).			
Hazardous Combustion Products	Carbon oxides.			
<u>Explosion Data</u>				
Sensitivity to Static Discharge	no.			
Specific hazards arising from the chemical	Containers can build up pressure if exposed to heat (fire). Keep containers and surrounding areas cool with water spray.			
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
<u>NFPA</u>	Health Hazard 2	Flammability 3	Stability 0	Physical and chemical hazards -
HMIS	Health Hazard 2	Flammability 2	Physical Hazard 1	Personal protection B

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation. For personal protection see section 8.
Environmental precautions	Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

7. HANDLING AND STORAGE

Advice on safe handling	Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.
Technical measures/Storage conditions	Keep out of the reach of children. Incompatible with oxidizing agents.
Aerosol Level	1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ANHYDROUS ALUMINUM SILICATE 66402-68-4	TWA: 5 mg/m ³ Zr TWA: 0.02 mg/m ³ Mn TWA: 0.1 mg/m ³ Mn	TWA: 5 mg/m ³ Zr (vacated) TWA: 5 mg/m ³ Zr (vacated) STEL: 10 mg/m ³ Zr	IDLH: 25 mg/m ³ Zr TWA: 5 mg/m ³ except Zirconium tetrachloride Zr STEL: 10 mg/m ³ Zr
TRIETHANOLAMINE 102-71-6	TWA: 5 mg/m ³		
SILICA, CRYSTALLINE 14808-60-7	TWA: 0.025 mg/m ³ respirable fraction	(vacated) TWA: 0.1 mg/m ³ respirable dust : (30)/(%SiO ₂ + 2) mg/m ³ TWA total dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
DIETHANOLAMINE 111-42-2	TWA: 1 mg/m ³ inhalable fraction and vapor S*	(vacated) TWA: 3 ppm (vacated) TWA: 15 mg/m ³	TWA: 3 ppm TWA: 15 mg/m ³

Other Exposure Guidelines	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
Engineering Measures	Ensure adequate ventilation.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin and body protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
Hygiene measures	Do not eat, drink or smoke when using this product. General industrial hygiene practice. Avoid contact with skin, eyes and clothing. Wash hands and face before breaks and immediately after handling the product. Avoid breathing vapors, mist or gas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Aerosol
Odor Mild
Appearance
Color opaque white

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	9.5	
Boiling point/boiling range		No information available
Flash Point	-104.4 °C / -156 °F	Based on propellant
Flammability Limits in Air		No data available
upper flammability limit		
lower flammability limit		
Vapor pressure		Not Determined
Vapor density		Heavier than air
Specific Gravity	0.904	No information available
Water solubility		No information available
Viscosity, kinematic		No information available

Other information

Flame Extension w/o Ext tube	7
Flame Extension with Ext tube	NA
Flash back w/o Ext tube	1
Flash back with Ext tube	NA
VOC Content(%)	40.17

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible products Strong oxidizing agents.

Conditions to Avoid Strong oxidizing agents. Strong bases.

Hazardous Decomposition Products Carbon oxides. Fumes.

Hazardous Reactions No information available.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information Causes skin, eye and respiratory tract irritation. May be harmful if swallowed.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
PETROLEUM DISTILLATES	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	5.2 mg/L (Rat) 4 h

Chronic toxicity

Chronic toxicity Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Target Organ Effects Respiratory system. Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations.

Contaminated packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Ground CONSUMER COMMODITY ORM-D
or
LIMITED QUANTITY

IATA UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

IMDG UN1950, AEROSOLS, 2.1, LTD. QTY.

15. REGULATORY INFORMATION

International Inventories

TSCA -
DSL/NDSL -
EINECS/ELINCS -
ENCS -
IECSC -
KECL -
PICCS -
AICS -

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
PETROLEUM DISTILLATES	X	X	X	X	X	Present	X	X
PROPANE/ISOBUTANE/N-BUTANE	X	X	X	Not listed	X	Present	X	X
ANHYDROUS ALUMINUM SILICATE	X	X	X	X	X	Present	X	X

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %
ANHYDROUS ALUMINUM SILICATE	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	Yes
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

U.S. State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
SILICA, CRYSTALLINE	Carcinogen
DIETHANOLAMINE	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
ANHYDROUS ALUMINUM SILICATE		X	X		
CTAC		X			
SILICA, CRYSTALLINE	X	X	X	X	
DIETHANOLAMINE	X	X	X	X	

International Regulations

Chemical Name	Carcinogen Status	Exposure Limits
ANHYDROUS ALUMINUM SILICATE		Mexico: TWA 5 mg/m ³ Mexico: TWA 0.2 mg/m ³ Mexico: STEL 10 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Revision Note

No information available.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet