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Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 3.0

Effective Date: November 28th, 2022

Supersedes: October 7th, 2022

Revision: Rev 7

1. Identification of the substance/preparation and of the company/undertaking

Product Identifier / Product name:	Element PO530
Chemical Name and or Family or Description:	Amorphous Poly Alpha Olefin based blends and compounded materials.
Company Information	Ellsworth Adhesives W129 N10825 Washington Drive, Germantown, WI 53022
Website	www.ellsworth.com
Telephone Numbers	Ellsworth Adhesives: (262) 253-8600 CHEMTREC (US Transportation): (800) 424-9300
Material Uses:	Plastics Industry. Adhesives, sealants, compounding, etc..

2. Hazards Identification:

Classification of Product:	Classification according to Regulation (EC) 1272/2008 GHS Pictogram: N/A Hazard Class & Hazard Statement: NA This Product is not classified as Hazard according to Regulation (EC) 272/2008 Classification according to Directive 1999/45/EC Hazard Classification & Warning Symbol: N/A Risk Phase: N/A This Product is not classified as Hazard according to Directive 1999/45/EC.
Label Elements:	Labeling according to Directive 1999/45/EC <i>Warning Symbol: N/A</i> <i>Signal word: N/A</i> <i>Hazard statement: N/A</i> <i>Precautionary statement: N/A</i>
Other Hazards:	Results of PBT and vPvB assessment PBT : Not Applicable vPvB : Not Applicable

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3. Composition/Information on ingredients

Substance/Mixture:

According to the present knowledge of the supplier, this product does not contain any hazardous ingredients in accordance with EU regulations, OSHA or National regulations. **Formulation is Proprietary.**

INGREDIENT(S)	CAS Number	% By Weight
Polypropylene	9003-07-0	Proprietary
1-Butene, Polymer with 1-Propene	29160-13-2	Proprietary
1-Propene, polymer with ethene	9010-79-1	Proprietary
Modifiers/additives	CBI	Proprietary

4. First-aid measures

Inhalation:

Move to fresh air. Treat symptomatically. If symptoms persist, call a physician.

Ingestion:

First aid is not generally required. Do not induce vomiting unless directed to do so by medical personnel.

Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Skin contact:

Wash with soap and water. Obtain medical attention if symptoms occur.

Skin contact With molten Product:

In case of burns: Immediately apply cold water to burn either by immersion or wrapping with saturated clean cloth.

DO NOT remove or cut away clothing over burnt areas.

DO NOT pull away clothing which has adhered to the skin as this can cause further injury.

DO NOT break blister or remove solidified material.

Quickly cover wound with dressing or clean cloth to help prevent infection and to ease Pain. For large burns, sheets, towels or pillow slips are ideal; leave holes for eyes, nose and mouth.

DO NOT apply ointments, oils, butter, etc. to a burn under any circumstances.

Water may be given in small quantities if the person is conscious. Alcohol is Not to be given under any circumstances.

Treat for shock by keeping the person warm and in a lying position.

Seek medical aid and advise medical personnel in advance of the cause and extent of the injury and the estimated time of arrival of the patient.

For Thermal Burns. Decontaminate area around burn. Consider the use of cold packs and topical antibiotics.

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For first-degree burns (affecting top layer of skin)

Hold burned skin under cool (not cold) running water or immerse in cool water until pain subsides. Use compresses if running water is not available. Cover with sterile non-adhesive bandage or clean cloth.

Do NOT apply butter or ointments; this may cause infection.

Give over-the counter pain relievers if pain increases or swelling, redness, fever occur.

For second-degree burns (affecting top two layers of skin)

Cool the burn by immersing in cold running water for 10-15 minutes. Use compresses if running water is not available.

Do NOT apply ice as this may lower body temperature and cause further damage.

Do NOT break blisters or apply butter or ointments; this may cause infection.

Protect burn by covering it loosely with sterile, nonstick bandages and secure in place with gauze or tape.

To prevent shock: (unless the person has a head, neck, or leg injury, or it would cause discomfort):

Lay the person flat. Elevate feet about 12 inches.

Elevate burn area above heart level, if possible.

Cover the person with coat or blanket.

Seek medical assistance.

For third-degree burns:

Seek immediate medical or emergency assistance. In the meantime:

Protect burn area cover loosely with sterile, nonstick bandage or, for large areas, a sheet or other material that will not leave lint in wound. Separate burned toes and fingers with dry, sterile dressings.

Do not soak burn in water or apply ointments or butter; this may cause infection. To prevent shock see above.

For an airway burn, do not place pillow under the person's head when the person is lying down. This can close the airway. Have a person with a facial burn sit up.

Check pulse and breathing to monitor for shock until emergency help arrives.

Eye Contact:

For THERMAL burns: Do NOT remove contact lens

Lay victim down, on stretcher if available and pad BOTH eyes, make sure dressing does not press on the injured eye by placing thick pads under dressing, above and below the eye.

Seek urgent medical assistance, or transport to hospital.

Further Medical Treatment:

Symptomatic treatment and supportive therapy as indicated. Following severe exposure protocols, the patient should be kept under medical review for at least 48 hours.

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5. Fire-fighting measures

Special fire-fighting Procedures: Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Suitable Extinguishing media: SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Protection of fire-fighters: Be sure to use an approved/certified respirator or equivalent.

Combustion products include: Carbon monoxide and Carbon dioxide.

6. Accidental release measures

Environmental precautions and cleanup methods: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and storage

Handling: When handling hot material, use heat resistant gloves.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Store away from direct sunlight or UV rays.

8. Exposure controls/personal protection

Engineering measures: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If heat applied is sufficient to generate smoke, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Occupational Exposure Limits No Occupational Exposure Limit Assigned.

Respiratory System: Be sure to use an approved/certified respirator or equivalent when breathing fumes from molten APAO.

Skin and body: Lab coat. When handling hot material, wear heat-resistant protective gloves that can withstand the temperature of molten product. Overalls buttoned to the neck and wrist.

Hands: Use impervious gloves when handling hot material.

Eyes: Safety glasses or goggles should be worn when working with molten material.

9. Physical and chemical properties

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Appearance:	Solid at room temperature.
Odor:	None.
pH:	Not Applicable.
Boiling Point:	Not Applicable.
Melting point (Softening Pt)	> 80-160°C (180-320°F)
Flash point:	> 400°F
Explosive properties:	Not applicable.
Vapor pressure:	Not applicable.
Solubility:	Insoluble in hot and cold water.

10. Stability and reactivity

Stability: The product is stable.

11. Toxicological information

Acute toxicity:

Ingredient Name	Test	Result	Route	Species
1-Butene Copolymer with 1-Propene	LD50	>5000 mg/kg	Oral	Rat
	LD50	>2000 mg/kg	Dermal	Rabbit

Local effects:

- Skin irritation:** Not hazardous in case of skin contact (possible irritant). Molten product causes severe burns.
- Eye irritation:** Not hazardous in case of eye contact (possible irritant). Molten product causes severe burns.
- Chronic toxicity:** Repeated or prolonged exposure is not known to aggravate medical condition.

12. Ecological information

No information available. Non-ionic polymers with MWs > 1,000 that do not contain reactive functional groups and are comprised of minimal low MW oligomers are estimated to display no effects at saturation (NES). These polymers display NES because the amount dissolved in water is not anticipated to reach a concentration at which adverse effects may be expressed.

13. Disposal considerations

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Methods of disposal;
Waste residues;
Contaminated packaging:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport Information

International transport regulations:

- **Land - Road/Railway** Not Regulated
- **Sea** Not Regulated
- **Air** Not Regulated

15. Regulatory information

U.S. SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

Chemical Name	SARA 302 40CFR 355,Appendix A	SARA 304 40 CFR Table 302.4	SARA 313 40 CFR 372.37.65
Amorphous Poly Alpha Olefin Based Polymer	NO	NO	NO

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information:

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substance

EU Regulations:

Risk Phrases: This product is not classified according to the EU regulations.

National Inventory	Status
Australia - AIIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (ethylene/propylene/butene copolymer)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	No (ethylene/propylene/butene copolymer)
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes

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USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	Yes
Vietnam - NCI	Yes
Russia - FBEPH	Yes
Legend:	<i>Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.</i>

16. Other information

HISTORY NA

Version: 0

Date of Issue: March 9, 2022

Revision Information: Last change from SDS Highlighted in Gray

Notice to Reader

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IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behavior of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.