



Safety Data Sheet

E-101

Date Issued: 15 May 2015

Date Revised: 15 May 2015

Revision No: 1.2

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

PRODUCT NAME: E-101

Chemical Name and or Family or Description: Amorphous Poly-Alpha-Olefin Copolymer

Company Information

REXtac LLC

2501 South Grandview Avenue

Odessa, TX 79766

TELEPHONE NUMBERS

Transportation Emergency:

CHEMTREC (US Transportation): (800) 424-9300

General MSDS Assistance : (432) 332-0058

Technical Information : (432) 332-0058

Material Uses: Plastic Industry

2. Hazards identification

The substance is not classified as dangerous according to Directive 2001/59/EC.

The substance or mixture is not classified as hazardous per the Globally Harmonized System of Classification and Labelling (GHS).



WARNING

Emergency Overview

Potential Acute Health Effects

In case of skin contact, slightly hazardous. Heated material may cause burns to unprotected skin.

Eyes Heated material may release volatile ingredients and cause irritation and burns to unprotected eyes.



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Skin Repeated or prolonged exposure is not known to aggravate medical condition

Potential Chronic Health Effects

Skin Repeated or prolonged exposure is not known to aggravate medical

3. Composition/Information on ingredients

Substance/preparation

Substance

To present knowledge of the supplier, this product does not contain any hazardous ingredients in accordance to EU regulations or National regulations.

INGREDIENT(S)	CAS Number	% By Weight
1-Butene, polymer with 1-propene	29160-13-2	>80 - 85
Petroleum hydrocarbon resin hydrogenated	69430-35-9 / 62258-49-5	15 - 20
Modifiers/additives	CBI	<1.0

4. First-aid measures

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

Ingestion: 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.

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.

Further Medical Treatment:

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

5. Fire-fighting measures

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

Extinguishing media Suitable: 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.

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6. Accidental release measures

- Personal Precautions** Splash goggles, Full suit, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.
- 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:** Do not ingest. Caution - spillages may be slippery. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label.
- Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

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 user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
- Occupational Exposure Limits:** **No Occupational Exposure Limit Assigned**
- Respiratory System:** Dust respirator. Be sure to use an approved/certified respirator or equivalent.
Skin and body: Lab coat. When handling hot material, wear heat-resistant protective gloves that are able to withstand the temperature of molten product. Overalls buttoned to the neck and wrist.
- Hands:** Impervious gloves.
Eyes: Safety glasses

9. Physical and chemical properties

- Appearance:** Solid
- Odor:** None
- pH:** Not available.
- Boiling point:** Not available.
- Melting point (Softening Pt)** >98.9 – 111.1 °C (210 - 232 °F)



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Flash point: Not available
Explosive properties: Not Available
Vapor pressure: Not available.
Octanol/water partition coefficient: Not available.
Solubility: Insoluble in cold water.

10. Stability and reactivity

Stability: The product is stable.

11. Toxicological information

Acute toxicity

<u>Ingredient Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Ethylene/propylene copolymer	LD50	>5000 mg/kg	Oral	Rat
	LD50	>2000 mg/kg	Dermal	Rabbit

Local effects

Skin irritation: Slightly hazardous in case of skin contact (irritant).

Eye irritation: Slightly hazardous in case of eye contact (irritant).

Chronic toxicity: Repeated or prolonged exposure is not known to aggravate medical condition.

12. Ecological information

No information available.

13. Disposal considerations

Methods of disposal; Waste of residues; Contaminated packaging:

The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable. The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even small quantities, should never be poured down drains, sewers or water courses. Waste must be disposed of in accordance with federal, state and local environmental control regulations.



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European Waste Catalogue (EWC):

The relevant EU Directives and local, regional and national regulations must be complied with. It is among the tasks of the end user to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste catalogue. It is recommended that the details be sorted out with the waste disposer responsible.

14. Transport Information

International transport regulations

<u>Land - Road/Railway</u>	Not Regulated
<u>Sea</u>	Not Regulated
<u>Air</u>	Not Regulated

15. Regulatory information

EU Regulations

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

16. Other information

HISTORY

Version:	1.2
Date of Issue:	15 May 2015
Revision Information:	Last change from MSDS

Notice to Reader

While the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

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.