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SAFETY DATA SHEET

TKB Sour Apple Jelly Gloss (Flexagel)

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Product Form: Base

Product Name: TKB Sour Apple Jelly Gloss (Flexagel)

Product Code: JB-110

1.2 Relevant identified uses of the substance or mixture and uses advised against

Not applicable.

1.3 Details of the supplier of the safety data sheet

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SECTION 2: Hazards identification

Classification of the Substance or Mixture GHS-US/CA

Classification : Not Classified.

Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) : No labeling applicable.

Signal Word (GHS-US/CA) : No signal word.

Hazard Statements (GHS-US/CA) : No known significant effects or critical hazards.

Precautionary Statements (GHS-US/CA) : Keep out of reach of children. Read label before use.

Wear protective gloves, protective clothing, face protection, and eye protection. If on skin: wash with soap and water. Remove contaminated clothing. If medical advice is needed, have product container or label at hand. Store in a well ventilated area. Keep cool. Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Name TKB Sour Apple Jelly Gloss (Flexagel)

Name	Product Identifier (CAS No)	% *	GHS Ingredient Classification
Polyisobutene	9003-29-6	N/A	Not Classified
Tocopheryl Acetate	7695-91-2	N/A	Not Classified
Caprylic/Capric Triglyceride	65381-09-1	N/A	Not Classified
Hydrogenated Polyisobutene	68937-10-0	N/A	Not Classified
Ethylene/Propylene/Styrene Copolymer	66070-58-4	N/A	Not Classified
Polybutene	9003-29-6	N/A	Not Classified
Caprylyl Glycol	1117-86-8	N/A	Not Classified
Butylene/Ethylene/Styrene Copolymer	68648-89-5	N/A	Not Classified
Phenoxyethanol	122-99-6	N/A	Not Classified
Mineral Oil	8042-47-5	N/A	Not Classified

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed:

Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms:

Eye contact: No specific data.

Inhalation: No specific data.

Skin contact: No specific data.

Ingestion: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Water spray, dry chemical, foam, carbon dioxide.
Unsuitable extinguishing media:	Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2 Special hazards arising from the substance or mixture

Fire Hazard:	Not considered flammable but may burn at high temperatures.
Explosion Hazard:	Product is not explosive.
Reactivity:	Hazardous reactions will not occur under normal conditions.

5.3 Advice for Firefighters

Precautionary Measures Fire:	Exercise caution when fighting any chemical fire.
Firefighting Instructions:	Use water spray or fog for cooling exposed containers.
Protection During Firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide and light organic oxidation products. Thermal decomposition in absence of air releases mainly saturated and unsaturated hydrocarbons.

5.4 Reference to Other Sections:

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing (vapor, mist, spray). Avoid all contact with skin, eyes, or clothing.

For Non-Emergency Personnel

Protective Equipment:	Use appropriate personal protection equipment (PPE).
Emergency Procedures:	Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment:	Equip cleanup crew with proper protection.
Emergency Procedures:	Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2 Environmental Precautions

Prevent entry to sewers and public waters.

6.3 Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4 Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Additional Hazards When Processed:	Stable under conditions of standard temperature and pressure. Air oxidation increases rapidly at temperatures above 250°C (482°F). The rate of oxidation also increases as the polymer chain length increases. Light and/or heat increase the rate of decomposition.
Precautions for Safe Handling:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety procedures.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:	Comply with applicable regulations.
Storage Conditions:	Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible Materials:	Strong acids, strong bases, strong oxidizers.

7.3 Specific End Use(s)

No use is specified.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

8.2 Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.

Materials for Protective Clothing:	Chemically resistant materials and fabrics.
Hand Protection:	Wear protective gloves.
Eye Protection:	Chemical safety goggles.
Skin and Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
Other Information:	When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Clear colorless, or pale yellow, tacky semi-solid/liquid resin or rubberlike
Odor:	Mild, Hydrocarbon
Color, D1500:	Not available
Odor Threshold:	Not available
pH:	Not available
Evaporation Rate:	Not available
Melting Point:	Not available
Freezing Point:	Not available
Boiling Point:	Not available
Flash Point:	>120°C (>248°F)
Auto-ignition Temperature:	Decomposes
Decomposition Temperature:	Not available
Flammability (solid, gas);	Not available
Lower Flammable Limit;	Not available
Upper Flammable Limit;	Not available
Vapor Pressure;	< 0.001 kPa (0.01 mm Hg)
Relative Vapor Density at 20°C;	Not available
Relative Density;	Not available
Specific Gravity	0.88
Solubility	Insoluble
Partition Coefficient: N-Octanol/Water	Not available
Viscosity:	TBD

SECTION 10: STABILITY AND REACTIVITY

<u>10.1 Reactivity:</u>	Hazardous reactions will not occur under normal conditions.
<u>10.2 Chemical Stability:</u>	Stable under recommended handling and storage conditions (see section 7).
<u>10.3 Possibility of Hazardous Reactions:</u>	Hazardous polymerization will not occur.
<u>10.4 Conditions to Avoid:</u>	Direct sunlight, extremely high or low temperatures, and incompatible materials.
<u>10.5 Incompatible Materials:</u>	Strong acids, strong bases, strong oxidizers.
<u>10.6 Hazardous Decomposition Products:</u>	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects - Product

Acute Toxicity (Oral):	Not classified
Acute Toxicity (Dermal):	Not classified
Acute Toxicity (Inhalation):	Not classified
LD50 and LC50 Data:	Not available
Skin Corrosion/Irritation:	Causes skin irritation.
Eye Damage/Irritation:	Not classified
Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Carcinogenicity:	Not classified
Specific Target Organ Toxicity (Repeated Exposure):	Not classified Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure):	Not classified Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation:	Prolonged exposure may cause irritation.
Symptoms/Injuries	After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. Contact with hot, molten metal will cause thermal burns. Removal of solidified molten material from skin requires medical assistance.
Symptoms/Injuries After Eye Contact:	May cause slight irritation to eyes. Risk of thermal burns on contact with molten product.
Symptoms/Injuries After Ingestion:	Ingestion is likely to be harmful or have adverse effects. Contact with hot liquid may cause thermal burns.
Chronic Symptoms:	None expected under normal conditions of use.

11.2 Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Butene, homopolymer (9003-29-6)

LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
LC50 Inhalation Rat	> 4185 ppm/4h

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Not classified.

Persistence and Degradability

Persistence and Degradability:	Not established.
Bioaccumulative Potential:	Not established.
Mobility in Soil:	Not available.
Other Adverse Effects:	Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Recommendations:

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

13.2 Additional Information:

Container may remain hazardous when empty. Continue to observe all precautions.

13.3 Ecology - Waste Materials:

Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT

Proper Shipping Name:

ELEVATED TEMPERATURE LIQUID, N.O.S., (POLYBUTENES)

Hazard Class:

9

Identification Number:

UN3257

Label Codes:

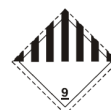
9

Packing Group:

III

ERG Number:

128



14.2 In Accordance with IMDG

Proper Shipping Name:

ELEVATED TEMPERATURE LIQUID, N.O.S., (POLYBUTENES)

Hazard Class:

9.

Identification Number:

UN3257

Label Codes:

9

Packing Group:

III

EmS-No. (Fire):

F-A

EmS-No. (Spillage):

S-P



14.3 In Accordance with IATA:

Proper Shipping Name:

ELEVATED TEMPERATURE LIQUID, N.O.S., (POLYBUTENES)

Hazard Class:

9

Identification Number:

UN3257

Label Codes:

9

ERG Code (IATA):

9L



14.4 In Accordance with TDG:

Proper Shipping Name:

ELEVATED TEMPERATURE LIQUID, N.O.S., (POLYBUTENES)

Hazard Class:

9

Identification Number:

UN3257

Label Codes:

9

Packing Group:

III



14.5 Remarks

When this material is shipped at temperature <100°C (<212°F) this material is NOT regulated for transport.

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Polyisobutene	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
Polyisobutene (9003-29-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

US State Regulations

Neither this product nor its chemical components appear on any US state lists.

Canadian Regulations

Polyisobutene (9003-29-6)
Listed on the Canadian DSL (Domestic Substances List)

International Regulations

Polyisobutene (9003-29-6)
Listed on the EU NLP (No Longer Polymers) inventory Listed on the AICS (Australian Inventory of Chemical Substances) Listed on the Canadian DSL (Domestic Substances List) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on TCSI (Taiwan Chemical Substance Inventory) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on INSQ (Mexican national Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 01/01/2022

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA

Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

