



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

Product Code: B-100

Revision H

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name Skin Prep Wipes

Product Code B-100

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

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EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD IDENTIFICATION

Classification of the substance or mixture

Flam. Liq. 2;H225
Eye Irrit. 2;H319
STOT SE 3;H336

Highly Flammable liquid and vapor.
Causes serious eye irritation.
May cause drowsiness or dizziness.

Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness and dizziness.

Prevention

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P235 Keep cool.



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- P240 Ground / bond container and receiving equipment.
- P241 Use explosion-proof electrical / ventilating / light / equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves / eye protection / face protection.

Response

- P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- P337+313 If eye irritation persists: Get medical advice / attention.
- P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

Storage

- P403+233 Store in a well ventilated place. Keep container tightly closed.
- P405 Store locked up.

Disposal

- P501 Dispose of contents / container in accordance with local / national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Isopropyl Alcohol CAS Number: 0000067-63-0	75 - 100	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	[1][2]
BUTENEDIOIC ACID (Z)-, MONOBUTYL ESTER, POLYMER WI CAS Number: 0025119-68-0	10 - 25	Not Classified	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit. [

3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.



SECTION 4: FIRST AID MEASURES

Description of first aid measures

- General** In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
- Inhalation** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
- Eyes** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
- Skin** No first aid should be needed.
- Ingestion** Do not induce vomiting. Contact the poison control center or a physician immediately for instructions.

Most important symptoms and effects, both acute and delayed

Overview

Acute Effects

- Inhalation** Exposure to high air concentrations may cause mild irritation to nose and throat. Drowsiness, headache, and mild narcosis can occur from inhalation.
- Eye** Exposure to high air concentrations may cause mild irritation to eyes.
- Ingestion** Ingestion may cause drowsiness, burning of the gastrointestinal tract, and death. Ingestion may cause gastrointestinal pain, cramps, nausea and vomiting.

Medical Conditions Aggravated by Long-Term Exposure

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product. Impaired function from pre-existing disorders may be aggravated by exposure to this product.

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural



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fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

See section 2 for further details.

Inhalation May cause drowsiness or dizziness.

Eyes Causes serious eye irritation.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media Carbon dioxide, dry chemical, alcohol foam

Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of Carbon and unidentified organic compounds.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust / fume / gas / mist / vapors / spray.

Advice for fire-fighters

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

Wear self-contained breathing apparatus and protective clothing.

ERG Guide No. 133

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Methods and material for containment and cleaning up

Mop or wipe up small spills. Ventilate area. Dike large spills to minimize contamination and contain material. Remove all sources of heat and ignition. Absorb with sand or vermiculite. Ventilate area to dissipate vapors.



SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Do not use with electrocautery procedures.
See section 2 for further details. - [Prevention]:

Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.
Incompatible materials: Strong oxidizing agents
Store in a cool ($\leq 77^{\circ}\text{F} / 25^{\circ}\text{C}$), dry, well-ventilated area away from strong oxidizing agents, sources of heat, sparks, and open flames.
See section 2 for further details. - [Storage]:

Specific end use(s) No data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000067-63-0	Isopropyl Alcohol	OSHA	TWA 400 ppm (980 mg/m ³) STEL 500 ppm
		ACGIH	TWA: 200 ppm STEL: 400 ppm Revised 2003,
		NIOSH	TWA 400 ppm (980 mg/m ³) ST 500 ppm (1225 mg/m ³)
		Supplier	No Established Limit
0025119-68-0	BUTENEDIOIC ACID (Z)-, MONOBUTYL ESTER, POLYMER WI	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000067-63-0	Isopropyl Alcohol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0025119-68-0	BUTENEDIOIC ACID (Z)-, MONOBUTYL ESTER, POLYMER WI	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;



Exposure controls

Respiratory

None required for normal use.

Eyes

None required for normal use.

Skin

None required for normal use.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (Based on typical material)

Appearance	Clear, Colorless Liquid
Odor	Alcohol Odor
Odor threshold	Not determined
pH	Not determined
Melting point / freezing point	Not determined
Initial boiling point and boiling range	180°F
Flash Point	53°F / 11.7°C
Evaporation rate (Ether = 1)	2.83 (nBuAc = 1)
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	
Lower Explosive Limit	2.5
Upper Explosive Limit	12
Vapor pressure (Pa)	33 mmHg
Vapor Density	2.1 (Air = 1)
Specific Gravity	0.85 @ 25°C (H2O = 1)
Solubility in Water	Miscible
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not determined
Decomposition temperature	Not available
Viscosity (cSt)	Not determined
VOC Content	Not available
Other information	No other relevant information.



SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity	Hazardous Polymerization will not occur.
Chemical stability	Stable under normal circumstances.
Possibility of hazardous reactions	Carbon monoxide and unidentified organic compounds may be formed during combustion.
Conditions to avoid	Avoid excessive heat, open flames and all ignition sources.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Oxides of Carbon

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Isopropyl Alcohol - (67-63-0)	4,710.00, Rat - Category: 5	12,800.00, Rat - Category: NA	72.60, Rat - Category: NA	No data available	No data available
BUTENEDIOIC ACID (Z)-, MONOBUTYL ESTER, POLYMER WI - (25119-68-0)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).



Classification	Category	Hazard Description
Acute toxicity (oral)	-	Not Applicable
Acute toxicity (dermal)	-	Not Applicable
Acute toxicity (inhalation)	-	Not Applicable
Skin corrosion/irritation	-	Not Applicable
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	-	Not Applicable
Skin sensitization	-	Not Applicable
Germ cell mutagenicity	-	Not Applicable
Carcinogenicity	-	Not Applicable
Reproductive toxicity	-	Not Applicable
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-single exposure	-	Not Applicable
STOT-repeated exposure	-	Not Applicable
Aspiration hazard	-	Not Applicable

SECTION 12: ECOLOGICAL INFORMATION**Toxicity**

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Isopropyl Alcohol - (67-63-0)	1,400.00, Lepomis macrochirus	100.00, Daphnia magna	100.00 (72 hr), Scenedesmus subspicatus
BUTENEDIOIC ACID (Z)-, MONOBUTYL ESTER, POLYMER WI - (25119-68-0)	Not Available	Not Available	Not Available

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

Not Measured

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

Other adverse effects

No data available.



SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

SECTION 14: TRANSPORT INFORMATION

Not Subject to Regulations Per

Air	IATA Special Provision A46
Ground	49 CFR 172.102 Special Provision 47
Ocean	IMDG Special Provision 216

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN3175	UN3175	UN3175
UN proper shipping name	UN3175, Solids containing flammable liquid, n.o.s., (Isopropyl Alcohol), 4.1, II	Solids containing flammable liquid, n.o.s., (Isopropyl Alcohol)	Solids containing flammable liquid, n.o.s., (Isopropyl Alcohol)
Transport hazard class(es)	DOT Hazard Class: 4.1	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
Packing group	II	II	II

Environmental hazards

IMDG

Marine Pollutant: No

Special precautions for user

No further information

SECTION 15: REGULATORY INVORMATION

Regulatory Overview

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA)

All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification

B2 D2B

US EPA Tier II Hazards

Fire	Yes
Sudden Release of Pressure	No



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Reactive	No
Immediate (Acute)	Yes
Delayed (Chronic)	No

EPCRA 311/312 Chemicals and RQs

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute. SDSUM00581 Page 8 of 9 Revision H

EPCRA 302 Extremely Hazardous

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals

Isopropyl Alcohol

Proposition 65 - Carcinogens (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%)

Isopropyl Alcohol

Pennsylvania RTK Substances (>1%)

Isopropyl Alcohol

SECTION 16: OTHER INFORMATION

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