



Factor II, Incorporated

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

Safety Data Sheet

Product Code: B-105

Revision Date: 12-20-2016

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name Adhesive Wipes

Product Code B-105

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated
5642 White Mountain Ave
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EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD IDENTIFICATION

Classification of the Substance or Mixture

Flam. Liq. 2;H225 Highly Flammable liquid and vapor.

Eye Irrit. 2;H319 Causes serious eye irritation.

STOT SE 3;H336 May cause drowsiness or dizziness.

Label Elements

Pictogram



Signal Word

Using the Toxicity Data listed the product is labelled as follows.

Danger

Hazard Statements

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.



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Precautionary Statements

[Prevention]:

- P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
- P233 Keep container tightly closed.
- 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]:

- 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.
- P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]:

- P403+235 Store in a well ventilated place. Keep cool.

[Disposal]:

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/ Mixture: Mixture

| Chemical Name/Chemical Designations | Weight % | GHS Classification |
|--|----------|--|
| Isopropyl Alcohol CAS Number: 67-63-0 | 25-50 | Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336 |
| Hydrotreated heavy naphtha (petroleum) CAS Number: 64742-48-9 | 25- 50 | Asp. Tox. 1;H304 |
| (2-methoxymethylethoxy)propanol CAS Number: 34590-94-8 | 25-50 | Not Classified |
| Aloe Extract CAS Number: 85507-69-3 | <1 | Not Classified |
| Fragrance | <0.1 | Not Classified |

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



SECTION 4: FIRST AID MEASURES

4.1 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

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

Overview Primary Entry Routes

Inhalation, Eyes, Skin, Ingestion

Target Organs: Kidney

Acute Effects

Inhalation

Upper respiratory tract irritation, asthma-like conditions.

Eye

Irritation, stinging, redness and swelling. Soft contact lens may concentrate irritants.

Skin

Redness, drying, & cracking.

Ingestion

Gastrointestinal irritation, dizziness, low blood pressure, & kidney damage.

Carcinogenicity

This material is not known to have carcinogenic properties.

Medical Conditions Aggravated by Long-Term Exposure

Eye or skin irritation, respiratory conditions.

Chronic Effects

None Known

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,



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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.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media Water spray, carbon dioxide, dry chemical foam

Special Hazards Arising from the Substance or Mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide. Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

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

Do not get in eyes, or on clothing.

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.

Do not release runoff from fire control methods to sewers or waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

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

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

Environmental Precautions

Do not allow spills to enter drains or waterways.

Methods and Material for Containment and Cleaning Up

Eliminate ignition sources. Stop source of spill. Pump spilled liquid into clean container.

Eliminate ignition sources. Soak up with noncombustible absorbent material. Remove absorbent material for proper disposal.



SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Avoid prolonged skin contact. Wash thoroughly after handling. Do not get into eyes. Do not swallow. 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 acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.

Store in a cool ($\leq 25^{\circ}\text{C}$), 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 |
|------------|---------------------------------|-------------|---|
| 67-63-0 | Isopropyl Alcohol | NOHSC/ HSIS | TWA 400ppm (983mg/m3) STEL 500ppm |
| | | OSHA | TWA 400 ppm (980 mg/m3)STEL 500 ppm |
| | | ACGIH | TWA: 200 ppm STEL: 400 ppm Revised 2003 |
| | | NIOSH | TWA 400 ppm (980 mg/m3) ST 500 ppm (1225 mg/m3) |
| | | Supplier | No Established Limit |
| 34590-94-8 | (2-methoxymethylethoxy)propanol | NOHSC/ HSIS | TWA 50ppm (308 mg/m3) |
| | | OSHA | TWA 100 ppm (600 mg/m3) [skin] |
| | | ACGIH | TWA: 100 ppm STEL: 150 ppm Skin |



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| | | | |
|-------------------|---|--------------------|--|
| | | NIOSH | TWA 100 ppm (600 mg/m3) ST 150 ppm (900 mg/m3) [skin] |
| | | Supplier | No Established Limit |
| 64742-48-9 | Hydrotreated heavy naphtha (petroleum) | NOHSC/ HSIS | No Established Limit |
| | | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| 85507-69-3 | Aloe Extract | NOHSC/ HSIS | 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; |
| 0034590-94-8 | (2-methoxymethylethoxy)propanol | 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; |
| 0064742-48-9 | Hydrotreated heavy naphtha (petroleum) | 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



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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 | Fruity |
| Odor threshold | Not determined |
| pH | Not determined |
| Melting point / freezing point | Not determined |
| Initial boiling point and boiling range | 76°C |
| Flash Point | 17°C TCC |
| Evaporation rate (Ether = 1) | 1.149 (nBuAc = 1) |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | |
| Lower Explosive Limit | Not determined |
| Upper Explosive Limit | Not determined |
| Vapor pressure (Pa) | 10 mmHg @ 20°C |
| Vapor Density | Not determined |
| Specific Gravity | 0.81 @ 25°C (H ₂ O = 1) |
| Solubility in Water | Partly 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 |
| Refractive Index | 1.403 @ 25°C |

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 | No data available. |



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Conditions to Avoid

Avoid excessive heat, open flames and all ignition sources.

Incompatible Materials

Strong acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.

Hazardous Decomposition Products

Oxides of Carbon, Hydrocarbons

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 |
| Hydrotreated heavy naphtha (petroleum) - (64742-48-9) | 5,000.00, Rat - Category: 5 | 3,160.00, Rabbit - Category: 5 | No data available | No data available | No data available |
| (2-methoxymethylethoxy)propanol - (34590-94-8) | 3,500.00, Rat - Category: 5 | 19,000.00, Rabbit - Category: NA | 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).



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| 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

Ecotoxicity

Toxic to aquatic life.

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 |
| Hydrotreated heavy naphtha (petroleum) - (64742-48-9) | 2,200.00, Pimephales promelas | 2.60, Chaetogammarus marinus | Not Available |
| (2-methoxymethylethoxy)propanol - (34590-94-8) | 10,000.00, Pimephales promelas | 1,919.00, Daphnia magna | 969.00 (72 hr), Algae |

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

Place in a sealed, labelled container for disposal. Dispose of in accordance with local waste regulations. Where several wipes have been opened and used, place in a sealed, labelled container for later disposal. May be incinerated in an approved facility. May be left to evaporate in a controlled place with no ignition sources.

Used wipes to be disposed of in accordance with the local authority's infectious waste requirements.

SECTION 14: TRANSPORT INFORMATION

Exempt from regulation under Australian Dangerous Goods Code (7th Edition), Special Provision 216.

| | |
|--------------------------------------|--|
| UN Number | UN3175 |
| UN Proper Shipping Name | UN3175, Solids containing flammable liquid, n.o.s., (Isopropyl Alcohol), 4.1, II |
| Transport Hazard Class | 4.1 |
| Packing Group | II |
| Environmental Hazard IMDG | Marine Pollutant: No |
| Special Precautions for User | No further information |

SECTION 15: REGULATORY INFORMATION

Poison Schedule Not a Scheduled Poison.

SECTION 16: OTHER INFORMATION

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

DISCLAIMER / STATEMENT OF LIABILITY:

Factor II, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider



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consulting reference works or individuals who are experts in ventilation, toxicology and/or fire prevention as necessary or appropriate to the use and understanding of the data contained in this SDS.

To promote safe handling each customer or recipient should 1) notify and furnish its employees, agents, contractors, customers and/or others whom it knows or believes will use this material of the information regarding hazards or safety, and 2) request its customers to notify their employees, customers and other users of the product of this information.