



Safety Data Sheet Microsuede Protection - i34dxx

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : i34dxx
Product Use Description : Material for Water & Oil Repellents

Manufacturer or supplier's details

Company : Dr. Beasley's, Inc.
Address 1439 W. Shakespeare Ave
Chicago, IL 60614
Telephone : (773) 404-1600
Fax

24 Hour emergency telephone number: (773) 710-2100

SECTION 2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Eye Irritation - Classification Not Possible
Skin Irritation - Classification Not Possible
Acute Toxicity - Not Classified; 20% of ingredients(s) have unknown acute toxicity
Respiratory Sensitization - Classification Not Possible
Skin Sensitization - Classification Not Possible

GHS LABEL REQUIREMENTS:

Symbol - None
Signal Word - None
Hazard Statement(s) - None
Precautionary Statement(s) - None

Other Hazards:

May cause skin, and respiratory irritation. It may also be harmful if inhaled. Above 200°C (392°F) traces of hydrogen fluoride and other toxic fluorinated compounds may be produced; inhalation of these compounds under these conditions may result in serious lung irritation.

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SECTION 3. INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	PER CENT
Water	7732-18-5	80-90
Propylene Glycol	57-55-6	1-5
Proprietary polymer system	Trade Secret	10-15

SECTION 4. FIRST AID MEASURES

INGESTION: Consult a physician immediately.

EYE CONTACT: Flush with large amounts of water for 10-15 minutes. Consult a physician if needed.

SKIN CONTACT: Wash affected area with soap and water. Remove contaminated clothing and shoes.

INHALATION: Leave the contaminated area and seek fresh air. If breathing is difficult, contact a physician.

SECTION 5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Alcohol foam, CO₂, dry chemical or water spray

PROTECTIVE EQUIPMENT: Use NIOSH/MSHA approved SCBA and bunker gear. Evolution of acidic gases may require complete wash down of protective clothing prior to removal.

HAZARDOUS COMBUSTION PRODUCTS: In case of fire or if processing at high temperatures, toxic gases including hydrofluoric acid, perfluoroisobutylene, and carbonyl fluoride may be formed.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Ensure cleanup is done only by trained personnel wearing appropriate personal protective equipment.
Ventilate area and cover with absorbent material.
Collect spilled material in a container and seal.
Spilled material is a slipping hazard.

SECTION 7. HANDLING & STORAGE

HANDLING

- Follow safe industrial hygiene practices and wear proper protective equipment.
- Use only in well ventilated areas.
- Wash hands thoroughly after handling.
- Wash clothing after use.
- Avoid contact with skin or eyes.
- Do not breathe vapor or spray.
- Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.
- If smoking tobacco becomes contaminated by this material, exposure to toxic gases through inhalation can occur.
- Therefore, do not smoke in the work areas and wash hands and face after handling in order to avoid transfer of material onto tobacco.

STORAGE

- Store material at 5°C (40°F) to 40°C (104°F).
- Perishable if frozen. Keep from freezing.
- Keep away from heat, steam, sunlight, sparks and open flame.
- Store containers tightly closed when not in use.

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SECTION 8. EXPOSURE CONTROLS & PERSONAL PROTECTIVE EQUIPMENT

EXPOSURE LIMITS:

No exposure limits available for the product. Excessive exposure to thermal degradation (above 425°C/797°F) of this product could result in delayed pulmonary edema in some cases, and on extremely high exposure, damage to the liver and kidneys. These substances may include: perfluoroisobutylene (TLV = 0.01 ppm Ceiling), carbonyl fluoride (TLV = 2 ppm TWA, 5 ppm STEL), hydrogen fluoride (TLV = 2 ppm Ceiling, 0.5 ppm TWA).

RESPIRATORY PROTECTION:

Use with adequate ventilation and/or respirator suitable for protection when spraying this material. If material is heated above 200°C (392°F), use a positive pressure air supplied respirator or SCBA.

EYE PROTECTION:

Safety glasses with side shields or goggles.

PROTECTIVE CLOTHING:

Chemical resistant gloves and protective clothing should be worn when handling this material.

VENTILATION:

Use local exhaust ventilation if material is heated above 200°C (392°F).

OTHER PROTECTIVE EQUIPMENT:

Eyewash station and safety shower.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:

Milky white to off white liquid

ODOR:

Not available

ODOR THRESHOLD:

Not available

pH:

6-8

MELTING POINT:

Not Applicable

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FREEZING POINT:	Approximately 0°C (32°F)
BOILING POINT/RANGE:	Approximately 100°C (212°F) (water)
FLASH POINT:	Doesn't flash
FLAMMABLE LIMITS:	LEL - Not Available UEL - Not Available
EVAPORATION RATE (Butyl acetate=1):	Not Available
VAPOR PRESSURE:	Not Available
VAPOR DENSITY:	Not Available
SPECIFIC GRAVITY (H ₂ O=1):	Approximately 1.02 at 25°C
APPARENT DENSITY:	Not Available
SOLUBILITY(IES):	Miscible in water
PARTITION COEFFICIENT (n-octanol/water):	Not Available
AUTO-IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VISCOSITY:	Not Available

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SECTION 10. STABILITY & REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	Excessive heat, sparks and open flame
INCOMPATIBILITIES:	May react with metals, such as sodium, magnesium, aluminum at elevated temperatures (above 425°C/797°F); may react upon prolonged exposure to fluorine or in oxygen-fluorine mixtures at high temperatures and pressures. Contact with incompatible materials, under these conditions, may result in fire or explosion.
HAZARDOUS POLYMERIZATION:	Should not occur
HAZARDOUS DECOMPOSITION:	Decomposition or by-products and toxic by-products including traces of hydrofluoric acid, perfluoroisobutylene, and carbonyl fluoride may be formed at very high temperatures. See other sections.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS OF EXPOSURE

Ingestion:	May be harmful if swallowed
Eye Contact:	May cause mild irritation
Skin contact:	May cause skin irritation
Inhalation:	May cause respiratory irritation

CHRONIC EFFECTS OF EXPOSURE:	No Data Available
ACUTE TOXICITY:	No Data Available
SKIN CORROSION/IRRITATION:	No Data Available
SERIOUS EYE DAMAGE/IRRITATION:	No Data Available
RESPIRATORY OR SKIN SENSITIZATION:	No Data Available

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GERM CELL MUTAGENICITY:	No Data Available
CARCINOGENICITY:	None of the components in this material are listed by NTP, OSHA or IARC.
REPRODUCTIVE TOXICITY:	No Data Available
STOT-SINGLE EXPOSURE:	No Data Available
STOT-REPEATED	No Data Available
EXPOSURE: ASPIRATION	Not applicable
HAZARD:	

SECTION 12. ECOLOGICAL INFORMATION

BIODEGRADABILITY:	No data
BIOACCUMULATION:	No data

SECTION 13. DISPOSAL CONSIDERATIONS

Comply with Federal, State and Local regulations concerning health and environment when disposing of materials. Regulations may also apply to empty containers, liners, or rinsate. DO NOT INCINERATE unless incinerator is capable of scrubbing hydrogen fluoride and other acidic combustion products.

SECTION 14. TRANSPORT INFORMATION

UN CLASSIFICATION:	Not applicable
DOT HAZARD DESCRIPTION:	Not applicable
CANADIAN TRANSPORTATION OF DANGEROUS GOODS (TDG):	Not applicable

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SECTION 15. REGULATORY INFORMATION

TSCA:	All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
California Prop 65	None
Canada	All components are listed on DSL
EINECS	All components are in compliance with inventory listing in EINECS
REACH	Polymer exemption
Other:	State and local regulations may have specific requirements for this product or components of this product; consult specific state and local regulatory requirements for additional information.

SECTION 16. OTHER INFORMATION

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components, Fluoropolymers Safe Handling Guide published by The Society of the Plastics Industry, and the DOT Emergency Response Guidebook.

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