

Kirsch Building Products LLC
MATERIAL SAFETY DATA SHEET

Product Name: SHARKSKIN ULTRA
MSDS ID Number: SSU-1394

MSDS Date: 12/10/04

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SHARKSKIN ULTRA™
MSDS Number: SSU-1394
MSDS Number: New
MSDS Date: 12/10/04
Chemical Family Name: Polyolefin Coated Woven Fabric
Product Use: Roofing underlayment
Chemical Formula: Mixture-NA
CAS # (Chemical Abstracts Service Number): Mixture-NA

Manufactured by:

Kirsch Building Products LLC
1464 Madera Road Suite 387
Simi Valley, CA 93065

In Case of Emergency Call:

In USA: (805) 750-0084 In Canada: Same

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Percent (max)
Polyolefin Coated Woven Fabric	NA	100

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview:

Caution!

Slippery when covered with frost, ice or snow.

HMIS Rating:

Health: 0
Flammability: 0
Reactivity: 0
Personal Protective Equipment:

Potential Health Effects:

Inhalation:

Due to the physical nature of this product (sheet), inhalation exposure is not possible.

Eye Contact:

Due to the physical nature of this product (sheet), eye contact is not possible.

Skin Contact: No hazardous effects from skin contact.

Skin Absorption:

Can not be absorbed through the skin.

Ingestion:

Due to the physical nature of this product (sheet), ingestion is not likely.

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SECTION 4 - FIRST AID MEASURES:

Skin Contact:

No first aid measures required.

Eye Contact:

Due to physical nature of this product eye contact is not likely.

Ingestion:

Due to physical nature of this product, ingestion is not likely.

Inhalation:

Due to physical nature of this product, inhalation is not likely.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not Applicable
Flash Point Method:	Not Applicable
Lower Explosion Limit:	Not Available
Upper Explosion Limit:	Not Available
Auto-Ignition Temperature:	Not Available

NFPA Rating:

Health:	1
Flammability:	1
Reactivity:	0

Extinguishing Media: In case of fire, use water spray, dry chemical, Carbon dioxide or foam.

Special Fire Fighting Procedures:

Firefighters should be equipped with Self-contained Breathing Apparatus (SCBA) to prevent inhalation of hazardous decomposition products. (See Section 10.)

Unusual Fire and Explosion Hazards:

None unless noted below.

SECTION 6 - ACCIDENTAL RELEASE MEASURES:

Spills/Leaks:

Due to physical nature of this product spills/leaks are not possible.

SECTION 7 - HANDLING AND STORAGE

Precautionary Measures:

- Comply with all OSHA and other safety standards and codes for roof work.
 - Always use Fall Protection Systems when working on roofs.
 - Sharkskin Ultra™ may be slippery when covered with frost, ice or snow.
 - Never walk on Sharkskin Ultra™ that has not been securely fastened to the roof deck.
 - Use roof jacks, toe boards or storage platforms secured to the underlying roof deck to Prevent slippage of stored roofing materials.
 - Stay well away from power lines and be sure that neither your body nor equipment
 - has contact with them.
 - On steep pitched roof surfaces, roof jacks and planks must be used to stand on. Follow ladder safety standards and codes.
 - Never leave scraps, wrappers or other debris scattered over the roof.
- FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

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SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

EXPOSURE GUIDELINES (US)

Ingredient	ACGIH TLV			OSHA PEL			Other
	TWA	STEL	Ceiling	TWA	STEL	Ceiling	
Polyolefin Coated Woven Fabric	-	-	-	-	-	-	-

EXPOSURE GUIDELINES (CANADA)

Physical nature of this product as supplied (Sheet) does allow for specific exposure.

Engineering Controls: Not generally required.

Personal Protective Equipment:

Respiratory Protection: Respiratory protection is not normally required.

Skin Protection: Normal work gloves are recommended.

Eye Protection: Eye protection is not normally required.

Work/Hygienic Practices: Use good personal hygiene practices.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Appearance/Odor:	Woven Fabric Sheet.
Odor Threshold: (ppm)	Not Applicable
pH:	Not Applicable
Vapor Pressure: (Mm Hg)	Not Applicable
Vapor Density: (Air = 1)	Not Applicable
Solubility In Water:	Not Applicable
Specific Gravity: (Water = 1)	Not Applicable
Evaporation Rate: (Butyl Acetate = 1)	Not Applicable
Boiling Point:	Not Applicable
Viscosity:	Not Applicable
Bulk Density: (Pounds/Cubic Foot)(Pcf)	Not determined
% Volatiles (gr/L): (70°F) (21°C)	Not Applicable

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions To Avoid:	None Known.
Hazardous Polymerization:	Will not polymerize.
Hazardous Decomposition Products:	Carbon dioxide, Carbon monoxide

SECTION 11 - TOXICOLOGICAL INFORMATION

Ingredient (No data unless listed.) **CAS Number** **LD50 and LC50**

Carcinogenicity:

Ingredient	IARC Group 1	IARC Group 2A	IARC Group 2B	NTP Known	NTP Suspect	OSHA
Polyolefin Coated Woven Fabric	No	No	No	No	No	No

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Mutagenicity:	Not applicable.
Teratogenicity:	Not applicable.
Reproductive Toxicity:	Not applicable.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Fate:	No data available for product.
Ecotoxicity:	No data available for product.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Procedures:
Dispose of waste in accordance with all applicable regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Proper Shipping Name:	Not Applicable
UN/NA Number:	Not Applicable
Domestic Hazard Class:	Not Applicable
Surface Freight Classification:	Not Applicable
Label/Placard Required:	Not Applicable

SECTION 15 - REGULATORY INFORMATION

REGULATORY CHEMICAL LISTS:

CERCLA (Comprehensive Response Compensation and Liability Act):
(None present unless listed below)

<u>Chemical Name</u>	<u>CAS #</u>	<u>Wt %</u>	<u>CERCLA RQ</u>
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SARA Title III (Superfund Amendments and Reauthorization Act)

SARA Section 312/Tier I & II Hazard Categories:

Health Immediate (acute)	No
Health Delayed (chronic)	No
Flammable	No
Reactive	No
Pressure	No

302 Reportable Ingredients (Identification Threshold 1%):

<u>Chemical Name</u>	<u>CAS #</u>	<u>Wt %</u>	<u>SARA 302 TPQ</u>
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313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

<u>Chemical Name</u>	<u>CAS #</u>	<u>Wt %</u>
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National Volatile Organic Compound Emission Standards For Architectural Coatings:

Volatile Organic Content: (gr/L)	Not Applicable
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WHMIS Classification(s): Not Controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR). This MSDS contains all the information required by the CPR.

State Regulatory Information:

California Proposition 65: This product does not contain substances known to the state of California to cause cancer, birth defects or other reproductive harm.

Massachusetts Hazardous Substance List (Identification threshold 0.001%(1ppm)):

Chemical Name **CAS #** **Wt %**

New Jersey Hazardous Substance List (Identification threshold (0.1%)):

Chemical Name **CAS #** **Wt %**

Pennsylvania Hazardous Substance List (Identification threshold 0.01%):

Chemical Name **CAS #** **Wt %**

CHEMICAL INVENTORY STATUS:

All chemicals in this product are listed or exempt from listing in the following countries:

US	CANADA		EUROPE	AUSTRALIA	JAPAN	KOREA	PHILIPPINES
TSCA	DSL	NDSL	EINECS/ELINCS	AICS	ENCS	ECL	PICCS
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

SECTION 16 - OTHER INFORMATION

Non-Hazardous Ingredient Disclosure:

<u>Chemical Name</u>	<u>CAS Number</u>
Polyolefin Coated Woven Fabric	

Prepared by: EH&S Department
Approved by: EH&S Department
Approved Date: 12/10/04

Disclaimer:

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."