Safety Data Sheet

Material Name: Sure-Flex Reinforced KEE HP Membranes and Accessories

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name
Sure-Flex Reinforced KEE HP Membranes and Accessories

Trade Names
Sure-Flex KEE HP, FleeceBACK KEE HP, FleeceBACK KEE HP FRS, Sure-Flex Non-Reinforced KEE HP Flashing, Sure-Flex KEE HP Coverstrip, Sure-Flex Inside/Outside/Universal/PreFab Corners, Sure-Flex Molded Pipe Seals, Sure-Flex Split Pipe Boot, Sure-Flex Square Tube Flashing, Sure-Flex T-Joint Covers

Product Use
Roof and Waterproofing Membranes and Accessories

Restrictions on Use
For industrial use only.

Manufacturer Information
Carlisle SynTec
1285 Ritner Highway
Carlisle, PA 17013 USA
Phone: +1-800-479-6832
Emergency Phone #: +1-800-424-9300 (Chemtrec)

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.
The products listed above are considered "articles" as defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200 and are considered "manufactured articles" as defined by the Canadian Hazardous Products Act (R.S.C., 1985, c. H-3) and as such are exempt from the requirement for an SDS . Under normal conditions of use, these products do not pose a hazard in the workplace or to the building occupants. Since these products or "articles" pose no health hazard under normal conditions of use, there is no requirement for an SDS. In addition, "articles" are not included in the scope of the Globally Harmonized System (GHS). For that reason, the GHS labeling elements are not included on this SDS. Although these products are not subject to the OSHA or Canadian standards or GHS labelling elements, Carlisle would like to disclose as much health and safety information as possible to ensure that these products are handled and used properly. This SDS contains information critical to the safe handling and proper use of the products. It is recommended that this SDS should be retained and made available to the users of these products. In addition, the recommendations for handling and use of these products should be included in worker training programs.

GHS Label Elements

Symbol(s)
None required

Signal Word
None required

Hazard Statement(s)
None required

Precautionary Statement(s)

Prevention
None required

Response
None required

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations

Other Hazards
No additional information available.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
	Proprietary	100%

Section 4 - FIRST AID MEASURES

Description of Necessary Measures
None known.

Inhalation
Inhalation of vapors from these products during heat welding may cause respiratory tract irritation. If breathing becomes difficult, remove person from heat welding area to fresh air. Seek medical attention if irritation persists.

Skin
If skin irritation occurs, wash skin with soap and water. Seek medical attention if irritation persists.

Eyes
Vapor from this product during heat welding may irritate eyes. If eye irritation occurs, flush eyes with water for 15 minutes. Seek medical attention if irritation persists.

Ingestion
Cannot be ingested under normal circumstances.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically and supportively.

Most Important Symptoms/Effects

Acute
None known

Delayed
None known

Note to Physicians
Nothing known to note

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media
Use dry chemical, carbon dioxide, or water spray.

Unsuitable Extinguishing Media
None reported.

Special Hazards Arising from the Product
None known.

Hazardous Combustion Products
Hazardous combustion products may include: Oxides of carbon, oxides of nitrogen, hydrocarbons, hydrochloic acid, acrylic acid, and other organic compounds

Advice for firefighters
Wear full protective fire fighting gear including a self-contained breathing apparatus (SCBA) to avoid inhalation of smoke and gases.

Fire Fighting Measures
Use standard procedures for Class A fires. Wear self-contained breathing apparatus (SCBA) and protective clothing for structural fire fighting.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up
Sweep up and dispose in accordance with all applicable regulations.

Environmental Precautions
Provide adequate ventilation during heat welding.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling
Use protective equipment as described in Section 8 when handling products. Handle in accordance with good industrial hygiene and safety practices.

Conditions for Safe Storage, Including any Incompatibilities
Material should be kept dry, clean, and in original packaging.

Incompatible Materials
None known

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits
No known exposure limits

Biological Limit Value
There are no biological limit values for any of these products' components.

Engineering Controls
Provide adequate ventilation when heat welding this product.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face Protection
Sunglasses which filter out ultraviolet light are strongly recommended since the white surface is highly reflective to sunlight

Skin Protection
Impervious gloves such as nitrile should be used to avoid excessive skin contact. Heavy cotton or insulated gloves and clothing should be used to handle hot plastic.

Respiratory Protection
A respiratory protection program that meets OSHA 1910.134, ANSI Z88.2 and / or CSA Z94.4-93 requirements must be followed whenever workplace conditions warrant use of a respirator.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Flexible plastic sheet	**Physical State**	Solid
Odor	Mild acrylic-like	**Color**	Various
Odor Threshold	Not available	**pH**	Not available
Melting Point	Not available	**Boiling Point**	Not available
Freezing point	Not available	**Evaporation Rate**	Not available
Boiling Point Range	Not available	**Flammability (solid, gas)**	Not available

Autoignition	Not available	**Flash Point**	Not available
Vapor Density (air=1)	Not available	**Vapor Pressure**	Not available
Water Solubility	Not available	**Specific Gravity (water=1)**	1.20 – 1.40
Viscosity	Not available	**Solubility (Other)**	Not available

Other Information
No additional information available.

Section 10 - STABILITY AND REACTIVITY

Reactivity
No reactivity hazard is expected.

Chemical Stability
Stable under normal conditions of use.

Possibility of Hazardous Reactions
Hazardous polymerization will not occur.

Conditions to Avoid
Keep away from heat, sparks or open flame

Incompatible Materials
None known

Hazardous decomposition products
Gases or vapors such as oxides of carbon, oxides of nitrogen, hydrocarbons, hydrochloic acid, acrylic acid, and other organic compounds may be released in a fire.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation
Unlikely under normal conditions

Skin Contact
Unlikely under normal conditions

Eye Contact
Unlikely under normal conditions

Ingestion
Unlikely under normal conditions.

Acute and Chronic Toxicity
No data available

Immediate Effects
No immediate effects known.

Delayed Effects
No delayed effects known.

Irritation/Corrosivity Data
My cause skin irritation with repeated contact. No other effects known.

Respiratory Sensitization
No data available.

Dermal Sensitization
No data available.

Component Carcinogenicity
No data available

Germ Cell Mutagenicity
No data available.

Reproductive Toxicity
No data available..

Specific Target Organ Toxicity - Single Exposure
No data available

Specific Target Organ Toxicity - Repeated Exposure
No data available

Aspiration hazard
No data available.

Medical Conditions Aggravated by Exposure
No data available.

Additional Data
No additional information available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity
No data available

Component Analysis - Aquatic Toxicity
No data available

Persistence and Degradability
No information available for the product.

Bioaccumulative Potential
No information available for the product.

Mobility
No information available for the product.

Other Toxicity
No additional information available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods
(1) Recycle / reprocess; (2) Incineration including energy recovery of waste material in a permitted facility in accordance with local, state or federal regulations; (3) Landfilling in a licensed facility in accordance with local, state or federal regulations

Section 14 - TRANSPORT INFORMATION

US DOT Information:
UN/NA #: Not regulated

IATA Information:
UN#: Not regulated

TDG Information:
UN#: Not regulated

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations
This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan:
None

SARA Section 311/312 (40 CFR 370 Subparts B and C)
Acute Health: No **Chronic Health:** No **Fire:** No **Pressure:** No **Reactivity:** No

U.S. State Regulations
The following components appear on one or more of the following state hazardous substances lists:
None known

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
This product contains chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Canadian WHMIS Ingredient Disclosure List (IDL)
Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL:

None known

Component Analysis - Inventory
Finished product is not hazardous. Component analysis not required.

Section 16 - OTHER INFORMATION

HMIS Rating

Health: 0 Fire: 0 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

NFPA Ratings

Health: 0 Fire: 0 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes
New SDS: March 29, 2016

Key / Legend
ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of LIsts™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Disclaimer:
The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition

that the person receiving it shall make his own determination of the suitability of the material for his particular use.