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Material Safety Data Sheet
ALPSAM (60/15)

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Trade Names: ALPSAM (60/15)

Description: Modified PVC Roof Membrane

Company Identification: Hyload, Inc.
5020 Panther Pkwy
Seville, OH 44273

Emergency Phone Number: 800-424-9300

International Number: 202-483-7616

Information Number: 330-336-6604

Date Reviewed: October 10, 2014

2. COMPOSITION/INFORMATION ON THE HAZARDOUS COMPONENTS

					Carcinogenicity		
Hazardous Components	**CAS No.**	**Wt.%**	**ACGH – TLV**	**OSHA – PEL**	**NTP**	**IARC**	**ACGIH**
Asphalt	8052-42-4	5 – 10	0.5mg/m^3	NE	No	Yes	No

NE – Not Established/Known TLV – Threshold Limit Value PEL – Permissible Exposure Limit
NA – Not Applicable

These are raw materials that have been encapsulated in the finished product. The finished product is not listed as a carcinogen by IARC, NTP, ACGIH, or OSHA

3. PHYSICAL AND CHEMICAL PROPERTIES

Appearance……: White
Specific Gravity: 1.30
Boiling Point….: NA
Melting Point…: NE
Odor……...: N/A
Solubility in H_2O: Insoluble
Vapor Pressure...: NA
Evaporation Rate: NA
Physical state.: Solid
Density……...: 0.47 lb/ft^2 (75 mil thick)
Vapor Density: NA

Note: The physical data presented above are typical values and not to be construed as specification

4. FIRE AND EXPLOSION HAZARD

Flash Point…….: 390F
Explosive Limits: NE
Autoiginition: 750F

EXTINGUISHING MEDIA: Water
FIRE FIGHTING PROCEDURES/EQUIPMENT: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

5. REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal conditions of use
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Temperatures in excess of 390F and sources of ignition
INCOMPATABILITY WITH OTHER MATERIALS: Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sulfur, nitrogen, chlorine compounds, and PAH's. Combustion products from polymeric compounds must be considered toxic.

6. HEALTH HAZARDS IDENTIFICATION

HMIS RATINGS
Health – 2 Flammability – 1 Reactivity – 1 Personal Protection – B

PRIMARY ROUTES OF EXPOSURE: Eye, Skin, Inhalation (breathing), Ingestion (swallowing)
EYE CONTACT: Not expected under normal handling.
SKIN CONTACT: Contact with heated material may cause burns.
INHALATION (Breathing): Not expected under normal handling.
INGESTION (Swallowing): Not expected under normal handling.
TARGET ORGANS/CHRONIC EFFECTS: Excessive skin exposure may result in drying and cracking in sensitive individuals
SIGNS AND SYMPTIONS OF EXPOSURE: Not expected under normal handling. When heated, eye, respiratory, and/or digestive tract irritation, and thermal burns may occur.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Individuals with pre-existing skin disorders may be more susceptible to irritation and dermatitis. Persons with a history of central nervous system (CNS) functional illness may be more susceptible to the effects when working with this product.
EMERGENCY AND FIRST AID PROCEDURES:
EYE CONTACT: Flush eyes with water for at least 15 minutes. Get prompt medical attention
SKIN CONTACT: For contact with molten product, do not remove contaminated clothing. Flush skin immediately with large amounts of cold water. If possible, submerge area in cold water and/or pack with ice. Get prompt medical attention. For other contact, wash effected area with nonabrasive soap and water. If irritation develops, consult a physician.
INHALATION (Breathing): At elevated temperatures, fumes and vapors may cause irritation to the respiratory tract. These effects are reversible upon removal from exposure. If breathing is difficult, give oxygen. If symptoms develop, seek immediate medical attention.
INGENSTION (Swallowing): If person is conscious, first induce vomiting to prevent further absorption. Do not attempt to give anything by mouth to an unconscious person. Give oxygen if respiration is shallow. Get prompt medical attention.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

ACCIDENTAL RELEASE AND/OR SPILL MEASURES: Sweep up, pick up, or vacuum up into a dry clean container for reuse or disposal.
WASTE DISPOSAL METHOD: Dispose of as an industrial waste in accordance with local, state, and federal regulations. Dispose of as a hazardous waste in the state of California. In Canada, dispose of the material in accordance with provincial regulations
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. If stored outside, protect from weather.
OTHER PRECAUTIONS:
ENGINEERING CONTROLS/VENTILATION: If working in a confined area, local exhaust ventilation is recommended when vapors, mists, or dusts can be released

8. CONTROL MEASURES

RESPIRATORY PROTECTION: None required.
VENTILATION: Product is normally used outside – none required
PROTECTIVE GLOVES: Cotton or similar.
EYE PROTECTION: Wear goggles or safety glasses.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Long-sleeved shirts are recommended.
HYGENIC PRACTICES: Wash hands with hot or warm water and soap before eating, smoking, or using toilet facility. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored.

9. REGULATORY INFORMATION

FEDERAL: This product is not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SARA Title III – Section 311/312 – Hazard Categories: N – Fire Hazard
N – Sudden Release of Pressure Hazard
N – Reactivity Hazard
N – Immediate (Acute) Health Hazard
Y – Delayed (Chronic) Health Hazard
Ozone-Depleting chemicals – No regulated ingredients

SARA Section 302 Extremely Hazardous Materials: None
SARA Section 313 Toxic Chemicals: None

10. OTHER INFORMATION/ADDITIONAL COMMENTS

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

The ingredients listed Composition/Information on the Components Section are embedded in the product and are provided for information

Hyload, Inc. provides the information herein compliance with Federal hazard communication standard, 29 CFR 1910.1200, to give warning of actual and assumed hazards, and to inform of generally applicable precautions and control measures which are known to Hyload, Inc. Hazard information is based on available scientific evidence, but is not always obtained from sources under the direction or control of Hyload, Inc. Hyload, Inc. makes no warranty or representation that the information is accurate, reliable, complete, or representative and Buyer may rely thereon only at Buyer's own risk. Hyload, Inc. warrants only that it has made no effort to censor other than trade secret information or to conceal hazards of its products. The data shown on these pages in no way modifies, amends, or enlarges any specification or warranty.