



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: HM-VK™ Ultra High Strength Handmix Polyurea Elastomer
Component: “B”

Company: **Specialty Products, Inc.**
2410 104th Street Ct S Ste D Lakewood, WA 98499
Phone: 253-588-7101
Toll Free: 800.627.0773
Fax: 253.588.7196

EMERGENCY CONTACT: For Spills, Leaks, Fire or Exposure call **CHEMTREC**
Toll Free: 800.424.9300
International Calls: 703.527.3887
Fax: 913.321.1490

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Name</u>	<u>CAS#</u>	<u>% W</u>
Polytetramethyleneoxide-di-p-aminobenzoate	54667-43-5	100

SECTION 3: HAZARDS IDENTIFICATION

OSHA/HCS Status: This material is considered non-regulated by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Emergency Overview: MILD SKIN IRRITANT
MILD EYE IRRITANT
MILD RESPIRATORY TRACT IRRITANT

May cause nose, throat, and lung irritation. Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system. Contact with eyes may cause irritation. Mild skin irritation. This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

Exposure Guidelines: Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat.

Aggravated Medical Condition: Asthma. Adverse respiratory effects (such a cough, tightness of chest or shortness of breath)

Section 3 Notes: **[Read the entire MSDS for a more thorough evaluation of the hazards.](#)**

SECTION 4: FIRST AID MEASURES

General Advise: Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.



Eye Contact:	Rinse immediately with plenty of water also under the eyelids for at least 20 minutes. Remove contact lenses.
Skin Contact:	Wash off immediately with plenty of water for at least 20 minutes. Wash off with soap and water. Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay.
Ingestion:	If a person vomits when lying on his back, place him in the recovery position. Prevent aspiration of vomit. Turn victim's head to the side.
Inhalation:	If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately. Move to fresh air.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point:	> 157° F (346° C)
<u>Extinguishing Media:</u>	
Suitable:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Dry sand Limestone powder
Not Suitable:	None known.
Special Hazards:	Incomplete combustion may form carbon monoxide. Burning procedure obnoxious and toxic fumes. No special precautions required.
Special Protective Equipment for Firefighters:	Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:	For major spills call CHEMTREC Toll Free 1.800.424.9300 or for International call 1.703.527.3887.
Personal Precautions:	Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves, and eye/face protection. Evacuate personnel to safe areas.
Environmental Precautions:	Construct a dike to prevent spreading.
Methods for Cleaning Up:	Contact Specialty Products. Place in appropriate chemical waste container.
Additional advice	Evacuate area and do not approach spilled product. If possible, stop flow of product.



SECTION 7: HANDLING AND STORAGE

Handling:	Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Avoid breathing vapors and/or aerosols. Avoid contact with eyes. Use only in well-ventilated areas. Use personal protective equipment. When using, do not eat, drink or smoke.
Storage:	Keep containers tightly closed in a dry, cool, and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Consult local authorities for acceptable exposure limits.

Preventive Measures:	Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.
Engineering Measures:	Provide readily accessible eye wash stations and safety showers.
<u>Personal Protection</u>	Chemical safety glasses.
Eye Protection:	
Skin Protection:	Long sleeve shirts and trousers without cuffs.
Respiratory Protection:	Wear appropriate respirator when ventilation is adequate.
Hands Protection:	Nitrile rubber. The breakthrough time of the selected glove(s) must be greater than the intended use period.
Environmental exposure controls	Construct a dike to prevent spreading.
Special instructions for protection and hygiene:	Provide readily accessible eye wash stations and safety showers. Wash at the end of each workshift and before eating, smoking, or using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

General Appearance Information

Physical State:	Liquid
Color:	Light yellow
Odor:	Odorless
Odor Threshold:	Not available

Important Health, Safety and Environmental Information

pH:	9
Boiling Point:	< 482° F (>250° C)
Melting Point:	68° F (20° C)
Flash Point:	> 157° F (346° C)
Relative Density:	0.98 (water = 1)
Density:	61.179 lb/ft ³ (0.98 g/cm ³) at 70° F (21° C)
Water Solubility:	Insoluble
Vapor Pressure:	< 5.00 mmHg at 21° C
Volatile Organic Compounds (VOC):	0 grams/liter



SECTION 10: STABILITY AND REACTIVITY

Stability and Reactivity: Stable under normal conditions.

Incompatibility
(Materials to Avoid): Oxidizing agents.

Hazardous decomposition products: Carbon monoxide
Carbon dioxide (CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Health Hazard

Ingestion: LD50: >5,000 mg/kg
Rat

Inhalation: LC50 (1 H): >20 mg/l
Species:rat

Skin: LD50: >2,000 mg/kg
Species: Rabbit
Method: Estimated

Eye irritation/corrosion Mild eye irritation

Acute dermal irritation/corrosion Mild skin irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Effects

Aquatic toxicity No data is available on the product itself

Toxicity to other organisms No data available

Persistence and degradability

Mobility No data available

Bioaccumulation No data is available on the product itself.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste from residues/unused products: Contact supplier if guidance is required



Contaminated packaging Dispose of container and unused contents in accordance with federal, state, and local requirements.

SECTION 14: TRANSPORTATION INFORMATION

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CFR Not Regulated
IATA Not Regulated
IMDG Not Regulated
CTC Not Regulated
Further information Not dangerous goods

SECTION 15: REGULATORY INFORMATION

United States

OSHA Hazardous Communication Standard (29 CFR 1910.1200) Hazard Class(es) No OSHA Hazards.

Country

Regulatory List

Notifications

USA	TSCA	Included in Inventory
EU	EINECS	Included in EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer
Canada	DSL	Not on inventory. Notifications have been submitted to Environment Canada.
Australia	AICS	Included in Inventory
Japan	ENCS	Included on Inventory
South Korea	ECL	Included on Inventory
China	SEPA	Included on Inventory
Phillippines	PICCA	Included on Inventory

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification:

No SARA Hazards

EPA SARA Title III Section 312 (40 CFR 372) Component(s) above 'de minimus' level:

None

US California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals know to State of California to cause cancer, birth defects, or any other harm.

WHIMS Hazard Classification

Not Rated



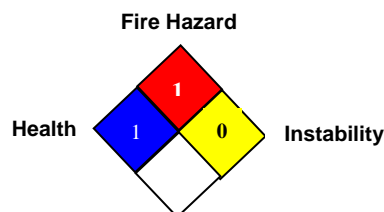
SECTION 16: OTHER INFORMATION

Label Requirements: CAUSES EYE AND SKIN BURNS.
HARMFUL IF SWALLOWED.
CAUSES RESPIRATORY TRACT IRRITATION.

HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)

Health	1
Fire Hazard	1
Reactivity	0

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)



For Your Protection: The information and recommendations in this publication is to the best of our knowledge, reliable. The toxicity and risk characteristics of products made by SPI will necessarily differ from the toxicity and risk characteristics that occur when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors. The user is responsible to comply with all applicable federal, provincial or municipal laws and regulations. SPI MAKES NO WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Preparation Information: This MSDS supersedes ALL previous MSDS versions.