



Safety Data Sheet



CX-100 WearMax Crosslinker

Date: May 28, 2015

Version: 1

Page 1 of 5

1. Identification of the substance or mixture and of the supplier

Product Number(s)	CX-100
Product Name(s)	WearMax Crosslinker
CAS number	64265-57-2
Recommended use	Catalyst for WearMax waterborne floor finishes.
Restrictions on use	Use only as directed.
Supplier	KraGil, Inc
Address	128 South Washington Street St. Croix Falls Wisconsin 54024
Contact Number	877-932-7629 612-605-1864
24 Hour Emergency Phone	Infotrac (800) 535-5053 International (352) 323-3500 (collect)

2. Hazards identification

GHS Classification	Eye Irritation - 2 Skin Irritation - 2 Acute Toxicity - 4 (oral) Specific Target Organ Toxicity (Single Exposure) - 3 (respiratory)
Symbols	Exclamation Mark
Signal Words	Warning
Hazard Statements	H302 - Harmful if swallowed. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation.
Precautionary Statements	
Prevention	P261 - Avoid breathing dust/mist/gas/vapors/spray. P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301+P312+P330 - If swallowed: Call a poison center or doctor if you feel unwell. Rinse mouth. P302+P352 - If on skin: Wash with plenty of water. P304+P340 - If inhaled: Remove victim to fresh air and keep comfortable for breathing. P304+P312 - If inhaled: Call poison center or doctor if your feel unwell. P332+P313 - If skin irritation occurs: Get medical advice/attention. P362+P363 - take off contaminated clothing and wash before reuse. P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.
Storage	P403+P233 - Store in a well-ventilated places. Keep container tightly closed. P405 - Store locked up.
Disposal	P501 - Dispose of contents/container in accordance with local, state and federal regulations.
Supplemental Information	



Safety Data Sheet



CX-100 WearMax Crosslinker

Date: May 28, 2015

Version: 1

Page 2 of 5

3. Composition/information on ingredients

Hazardous Components	CAS #	Weight %
polyfunctional aziridine	64265-57-2	> 99

4. First aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Remove contaminated clothing. Immediately wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.
Ingestion	Wash out mouth with water and obtain immediate medical attention.

5. Fire-fighting measures

Extinguishing Media	SUITABLE: Alcohol resistant foam, CO ₂ , powders, water spray, water jet. UNSUITABLE: None known.
Special Protective Equipment for Firefighters	Fire/thermal decomposition products may cause a health hazard. Use appropriate breathing apparatus. Cool closed containers exposed to fire with water. Do not allow run off from fire fighting to enter drains or watercourses.
Specific hazards and combustion products	Decomposition may produce hazardous products such as oxides of carbon, dense black smoke, aldehydes, organic acids, oxides of nitrogen, ammonia and amines.

6. Accidental release measures

Steps to be taken if material is released or spilled	Wear protective equipment. Keep unprotected people away. Ensure adequate ventilation. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with absorbent materials like sand, diatomaceous earth, vermiculite, or earth. Place in container for disposal according to section 13. Decontaminate with a weak acid solution such as 1% acetic acid. Prevent release to the environment, drains or watercourses. Notify authorities if material enters drains, sewers or the environment.
---	--

7. Handling and storage

Handling	Persons with a history of skin sensitization problems should not be employed in any process in which this preparation is used. Do not get in eyes, on skin or on clothing. Remove contaminated clothing and clean before reuse. Destroy any clothing items that cannot be decontaminated. Handle in well ventilated areas. Avoid formation of vapor and mist. Always keep in original, tightly closed containers. Never use pressure to empty container. Isolate from sources of heat, sparks and open flame. Do not eat, drink, or smoke in the workplace. Wash hands before eating, drinking or smoking.
Storage	Store between 15 and 30 degree C in a dry, well ventilated place away from oxidizing agents. No eating, drinking or smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in original containers.

8. Exposure controls/personal protection



Safety Data Sheet



CX-100 WearMax Crosslinker

Date: May 28, 2015

Version: 1

Page 3 of 5

Exposure limits	There are no exposure limits established for the preparation.
Engineering measures	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations below applicable exposure limits, suitable respiration protection must be worn. Exposure limits should be monitored using suitable analytical equipment.
Respiratory protection	In situations where misting or flying may occur or exposure limits are otherwise exceeded, NIOSH approved respiratory protection should be worn.
Hand protection	Avoid skin contact. Impervious gloves such as rubber should be worn for direct contact. Additional protection may be necessary to avoid skin contact including use of long sleeves, apron, face shield, boots, or full body protection.
Eye protection	Safety eye wear designed to protect against splash of liquids. Eye wash stations should be available where eye contact may occur.
Skin protection	Work clothes and closed footwear. Affected parts of the body should be washed with soap and water and rinsed thoroughly after contact.
Other protection	Facilities storing or using this material should be equipped with an eyewash facility and a safety shower.

9. Physical and chemical properties

Appearance	Pale yellow liquid.
Odor	Amine-like.
Odor threshold	Not determined.
PH	10.2 (10% aqueous solution.)
Melting/Freezing point	-22 F (-30 C)
Initial boiling point and range	479 F (243.8 C)
Flash point	> 200 F (93.3 C) Pensky-Martens closed cup
Evaporation Rate	Not determined.
Flammability	Not applicable.
Lower explosive limit	Product is not explosive.
Upper explosive limit	Product is not explosive.
Vapor pressure	Not determined.
Vapor density	> 1 (air = 1)
Relative density	1.074 @ 68 F (20 C) (OECD 109)
Solubility	Miscible in water.
Partition coefficient	Not determined.
Auto-ignition temperature	626 F (330 C)
Decomposition temperature	> 230 F (110 C)
Viscosity	311 cps @ 68 F (20 C)

10. Stability and reactivity

Reactivity	Not reactive.
-------------------	---------------



Safety Data Sheet



CX-100 WearMax Crosslinker

Date: May 28, 2015

Version: 1

Page 4 of 5

Stability	Stable under normal conditions. May become unstable at elevated temperatures and pressures.
Possible hazardous reactions	Hazardous polymerization may occur if mixed with acidic materials.
Conditions to avoid	Avoid contamination with acidic materials, heat, direct sunlight, ultraviolet radiation, strong oxidizing conditions and freezing conditions. Unstable at elevated temperatures and pressures, or may react with water or acids with some release of energy, but not violently.
Incompatible materials	Keep away from strong acidic materials, anhydrides, strong oxidizers.
Hazardous decomposition products	Decomposition products may include oxides of carbon, dense black smoke, aldehydes, organic acids, oxides of nitrogen, ammonia and amines.

11. Toxicological information

The preparation has been classified for acute oral toxicity category 4. It is classified for human health effects as indicated below.

Likely routes of exposure	Skin, eye, inhalation, ingestion.
Eye contact	May cause eye irritation or damage if not irrigated immediately.
Skin contact	Contact with skin or mucous membrane may result in irritation. May cause allergic skin reaction.
Inhalation	May cause respiratory irritation.
Ingestion	Low oral toxicity. May cause irritation to the digestive tract.
Target organ effects	None known.
Chronic effects	None known.
Medical conditions aggravated by exposure	None known.
Acute toxicity values	LD50 (oral) 3038 mg/kg
Carcinogenicity status	None of the components of this product present at or above 0.1% concentration are listed as carcinogens, potential or suspected by the NTP, IARC or OSHA.

12. Ecological information

Eco-toxicity	The preparation has not been tested.
Persistence and degradability	No PBT or vPvB components. Not readily biodegradable. Aerobic biodegradation: 16.1% (day 28.)
Bioaccumulative potential	Low potential for bioaccumulation.
Mobility in soil	Low potential for absorption.
Other adverse effects	None known.

13. Disposal considerations

Dispose of waste with a facility certified to dispose hazardous waste. Must be specially treated under adherence to official regulations. Do not allow into drains or watercourses.

14. Transport information



Safety Data Sheet



CX-100 WearMax Crosslinker

Date: May 28, 2015

Version: 1

Page 5 of 5

DOT description Not regulated.

15. Regulatory information

Toxic Substances Control Act (TSCA)	All components of this product are included on or exempt from the TSCA inventory.
SARA Title III Section 302	The components in this product are either not SARA Section 302 regulated or regulated but present in negligible concentrations.
SARA Title III Section 313	This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
CEPA Domestic Substances List (DSL)	All components are listed on the DSL.
WHMIS Classifications	Class D, Division 2A, Very toxic Class D, Division 2B, Toxic
NFPA Rating	Health: 3 Fire: 1 Reactivity: 1
HMIS Rating	Health: 3 Chronic effect Fire: 1 Reactivity: 1

16. Other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of the suitability of this information to ensure proper use and to protect the health and safety of employees. The information in this SDS is meant as a description of the safety requirements of our product; it is not to be considered as a guarantee of the properties of the product. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

KraGil, Inc believes the statements, technical information and recommendations contained herein are reliable. They are given without warranty or guarantee of any kind, expressed or implied.

DATE REVISED: May 28, 2015

PREPARED BY: Eric Anderson