



Safety Data Sheet

6501, 6525, 6910



Date: May 25, 2015

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

Product Number(s)	6501, 6525, 6910
Product Name(s)	Advanced Ceramic Armor, Professional Armor, Wiping Stain
Chemical Family	Aqueous Mixture of PU and Acrylic Dispersions
Recommended use	Finishing and refinishing multiple flooring substrates.
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
Symbols	Exclamation Mark
Signal Words	Warning
Hazard Statements	H319 - Causes serious eye irritation.
Precautionary Statements	
Prevention	P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response	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	
Disposal	
Supplemental Information	<= 21% of the ingredients in this product are of unknown toxicity. Based on known data of similar materials, they are expected to be relatively non toxic.

3. Composition/information on ingredients

Hazardous Components	CAS #	Weight %
aliphatic PU dispersion	proprietary*	0 - 10
tripropylene glycol monomethyl ether	25498-49-1	5 - 23

* Specific chemical identity has been withheld as a trade secret.

Weights given as ranges are due to batch to batch variability and this SDS covering more than one product with substantially similar hazards.

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

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Eye Contact	recovery position and seek medical advice.
Skin 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.
Ingestion	Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.
Ingestion	Obtain immediate medical attention. Keep at rest.

5. Fire-fighting measures

Extinguishing Media	SUITABLE: Alcohol resistant foam, CO ₂ , powders, water spray. UNSUITABLE: None known.
Special Protective Equipment for Firefighters	Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. 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 include oxides of carbon, oxides of nitrogen, aldehydes, organic acids and dense black smoke.

6. Accidental release measures

Steps to be taken if material is released or spilled	Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials like sand, diatomaceous earth, vermiculite, or earth. Place in container for disposal according to local regulations. Clean up with detergent but do not use solvents. Do not allow into drains or watercourses. If material enters drains or sewers, call local sewer or state authority.
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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 sources of heat and direct sunlight. Protect from freezing. Keep away from sources of ignition, oxidizing agents, alkaline and acid materials. 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

Exposure limits	There are no exposure limits established for the preparation or available for hazardous components at the time of revision.
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.

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Hand protection	Avoid skin contact. Impervious gloves 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	Milky white liquid.
Odor	Slight, amine-like.
Odor threshold	Not determined.
PH	6.0 – 8.0
Melting/Freezing point	<= 32 F (0 C)
Initial boiling point and range	212 F (100 C)
Flash point	>212 F (100 C) (Product does not sustain combustion.)
Evaporation Rate	Not determined.
Flammability (solid, gas)	Not applicable (liquid.)
Lower explosive limit	Not determined.
Upper explosive limit	Not determined.
Vapor pressure	Not determined.
Vapor density	Not determined.
Relative density	1.05 (6910 Wiping Stain) 1.21 (6501 Advanced Ceramic Armor)
Solubility	Soluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined. Product does not sustain combustion.
Decomposition temperature	>212 F
Viscosity	15 - 35 seconds 4 mm DIN cup @ 68 F (20 C)

10. Stability and reactivity

Reactivity	Not reactive.
Stability	Stable under normal conditions.
Possible hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Freezing, exposure to temperatures above 200 F (93.3 C) and strong UV light sources.
Incompatible materials	Keep away from strong oxidizing agents, strong acids, strong alkalies, nitrides and reactive metals.



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Hazardous decomposition products

Decomposition products may include oxides of carbon, oxides of nitrogen, aldehydes, organic acids and dense black smoke.

11. Toxicological information

The preparation has not been tested for toxicological effects. <= 21% of the ingredients in this product are of unknown toxicity. Based on known data of similar materials, they are expected to be relatively non toxic. Based on known effects of the component materials, the product 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.
Skin contact	Prolonged or repeated contact with skin or mucous membrane may result in irritation. Not expected to cause allergic skin reaction.
Inhalation	May cause respiratory irritation.
Ingestion	No known significant effects or critical hazards. 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	Not determined. Not classified as toxic based on ingredients.
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 product has not been tested. Not classified for aquatic toxicity based on component data. <= 21% of the ingredients in this product are of unknown ecotoxicity. Based on known data of similar materials, they are expected to be relatively non toxic.
Persistence and degradability	Not determined. Expected to be non-PBT, non-vPvB and readily biodegradable based on component data.
Bioaccumulative potential	Not determined. Expected to be of low bioaccumulative potential based on component data.
Mobility in soil	Not determined.
Other adverse effects	None known.

13. Disposal considerations

Dispose of material in accordance with federal, state and local regulations. Do not allow into drains or watercourses.

14. Transport information

DOT description	Not regulated.
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15. Regulatory information

Toxic Substances Control Act (TSCA)	All components of this product are included on or exempt from the TSCA inventory.
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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.

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.

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PREPARED BY: Eric Anderson