

SAFETY DATA SHEET

acc. to OSHA HCS

Printing Date 12/03/2015

Revision Date 12/03/2015

1 Identification

- **Product Identifier**
- **Trade Name: Walk-A-Sured Clear, Gray and Black - Part A**
- **Article number:** 3036, 3039
- **Relevant identified uses of the substance or mixture.** Non-skid floor coating
- **Description:** A two component solvent free non-skid epoxy mixture, base part.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 Wooster Products, Inc.
 1000 Spruce Street
 Wooster, OH 44691
 Phone Number: 1-800-321-4936/330-264-2844
- **Information department :** sales@wooster-products.com
- **Responsible for the safety data sheet:** Guliz Elliott
- **Classification of the substance or mixture**

2 Hazard(s) identification

- **OSHA/HCS Status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
- **Classification of the substance or mixture:** ACUTE TOXICITY (oral) – Category 4
 SKIN CORROSION/IRRITATION – Category 1
 SERIOUS EYE DAMAGE/EYE IRRITATION – Category 1
 SKIN SENSITIZATION – Category 1
 TOXIC TO REPRODUCTION (Fertility) – Category 2
 TOXIC TO REPRODUCTION (Unborn child) – Category 2
 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 2.3%
- **GHS label elements** This product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



- **Signal word:** Danger
- **Hazard statements:** Harmful if swallowed. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child.
- **Precautionary statements**
- **Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Avoid breathing vapor. Do not eat, drink or smoke when handling this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.
- **Response:** IF exposed or concerned: Get medical attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF ON SKIN: Wash with plenty of soap and water. IF SKIN IRRITATION OR RASH occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
- **Storage:** Store locked up.
- **Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations.
- **Supplemental label elements:** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS. Do not transfer contents to other containers for storage. Please refer to all parts of SDS for additional information.
- **Hazards not otherwise classified:** None known.

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3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Other means of identification:** Not available

CAS Numbers	Components	% by weight
25085-99-8	Epoxy Polymer	40-50
68609-97-2	Alkyl Glycidyl Ether	5-8
37244-96-5	Nepheline Synite	45-50
1333-86-4	Carbon Black	<1.0
13463-67-7	Titanium Dioxide	3-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits of the individual components, if available, are listed in Section 8.

4 First-aid measures

· **Description of first aid measures:**

· **After Inhalation:**

Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

· **After Skin contact:**

Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wear appropriate gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

· **After Eye contact:**

Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

· **After Ingestion:**

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

· **Most important symptoms/effects, acute and delayed:**

· **Potential acute health effects:**

· **Eye contact:** Causes serious eye damage.

· **Inhalation:** May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system.

· **Skin contact:** Causes severe burns. May cause an allergic skin reaction.

· **Ingestion:** Harmful if swallowed. May cause burns to mouth, throat and stomach.

· **Over exposure signs/symptoms:**

· **Eye contact: Adverse symptoms may include the following:** pain, watering, redness.

· **Inhalation: Adverse symptoms may include the following:** reduced fetal weight, increase in fetal deaths, skeletal malformations

· **Skin contact: Adverse symptoms may include the following:** pain or irritation, redness, blistering may occur, reduced fetal weight, increase in fetal deaths, skeletal malformations

· **Ingestion: Adverse symptoms may include the following:** stomach pains, reduced fetal weight, increase in fetal deaths, skeletal malformations

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- **Information for doctor:** Treat symptomatically.
Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
 - **Specific treatment:** No specific treatment.
 - **Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
- See toxicological information (Section 11)**

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use an extinguishing agent that is suitable for the surrounding fire.
- **Unsuitable extinguishing agents:** None known.
- **Advice for firefighters:**
- **Specific hazards arising from the chemical:** In a fire or if heated, a pressure increase will occur and the container may burst.
- **Hazardous thermal decomposition products:** Decomposition products may include the following materials: carbon dioxide, carbon monoxide, halogenated compounds.
- **Special protective actions for fire-fighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- **Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
- **For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- **For emergency responders :** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- **Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- **Methods and materials for containment and cleaning up:**
- **Small spill:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- **Large spill:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.
- **Reference to other sections**
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information

7 Handling and storage

- **Handling**
- **Precautions for safe handling:**

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· **Protective measures:** Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

· **Advice on general occupational hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

· **Conditions for safe storage including any incompatibilities:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8 Exposure controls/personal protection

· **Appropriate engineering controls:** If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

· **Environmental exposure controls:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

· **Individual protection measures:**

· **Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

· **Eye/face protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

· **Skin protection/Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

· **Body protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

· **Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

· **Respiratory protection:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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9 Physical and chemical properties

· General information

Physical State:	Liquid.
Odor:	Not available.
Odor threshold:	Not available.
pH:	Not available.
Melting Point:	Not available.
Boiling Point:	Not available.
Flash Point:	Closed cup: 116°C (240.8°F) [Pensky-Martens Closed Cup]
Evaporation Rate:	Not available.
Flammability (solid/gas)	Not available.
Lower and upper explosive (flammable) limits	Not available.
Vapor pressure	Not available.
Partition coefficient: n- octanol/water	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.5
Solubility	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Kinematic Viscosity	Room temperature: >0.07 cm ² /s (>7 cSt) At 40°C (104°F): >0.07 cm ² /s (>7 cSt)
Aerosol Product/Heat of Combustion	0.000004486 kJ/g

10 Exposure controls/personal protection

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	The product is stable
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	No specific data.
Incompatible materials	No specific data.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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11 Toxicological Information

. Information on toxicological effects:

. Acute toxicity:

Product/ingredient name	Result	Species	Dose	Exposure
4-Alkyl Glycidyl Ether	LD50 Oral	Rat	17100 mg/kg	-

. Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Alkyl Glycidyl Ether	Skin mild irritant	Rabbit	-	24 hours 500 microliters	-

- . **Sensitization:** Not available.
- . **Mutagenicity:** Not available.
- . **Carcinogenicity:** Not available.
- . **Reproductive toxicity:** Not available.
- . **Teratogenicity:** Not available.
- . **Specific target organ toxicity (single exposure):** Not available.
- . **Specific target organ toxicity (repeated exposure):** Not available.
- . **Aspiration hazard:** Not available.
- . **Information on the likely routes of exposure:** Not available
- . **Potential acute health effects**
- . **Eye contact:** Causes serious eye damage
- . **Inhalation:** May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system.
- . **Skin contact:** Causes severe burns. May cause an allergic skin reaction.
- . **Ingestion:** Harmful if swallowed. May cause burns to mouth, throat and stomach.
- . **Symptoms related to the physical, chemical and toxicological characteristics:**
- . **Eye contact:** Adverse symptoms may include the following: pain, watering, redness.
- . **Inhalation:** Adverse symptoms may include the following: reduced fetal weight, increase in fetal deaths skeletal malformations.
- . **Skin contact:** Adverse symptoms may include the following: pain or irritation, redness; blistering may occur reduced fetal weight increase in fetal deaths skeletal malformations.
- . **Ingestion:** Adverse symptoms may include the following: stomach pains, reduced fetal weight increase in fetal deaths skeletal malformations
- . **Delayed and immediate effects and also chronic effects from short and long term exposure:**
- . **Short term exposure**
- . **Potential immediate effects:** Not available.
- . **Potential delayed effects:** Not available.
- . **Long term exposure:**
- . **Potential immediate effects:** Not available.
- . **Potential delayed effects:** Not available.
- . **Potential chronic health effects:** Not available.
- . **General:** Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- . **Carcinogenicity:** No known significant effects or critical hazards.
- . **Mutagenicity:** No known significant effects or critical hazards.
- . **Teratogenicity:** Suspected of damaging the unborn child.
- . **Developmental effects:** No known significant effects or critical hazards.
- . **Fertility effects:** Suspected of damaging fertility.

. Numerical measures of toxicity:

. Acute toxicity estimates:

Route	ATE value
Oral	1983.4 mg/kg

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12 Ecological Information

. **Persistence and degradability:** Not available.

. **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Alkyl Glycidyl Ether	-	160 to 263	low

. **Mobility in soil:**

. **Soil/water partition coefficient (KOC):** Not available.

. **Other adverse effects:** No known significant effects or critical hazards.

13 Disposal Considerations

. **Disposal methods:**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14 Transport Information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN Number	UN3082	UN3082	UN3082	UN3082	UN3082
UN proper shipping number	PAINT	PAINT	PAINT	PAINT	PAINT
Transport hazard classes	9	9	9	9	9
Packing group	III	III	III	III	III
Environmental hazards	Yes	Yes	Yes	No	No
Additional information	<u>Special Provisions</u> Not Applicable	<u>Special Provisions</u> Not Applicable	<u>Special Provisions</u> Not Applicable	<u>Special Provisions</u> Not Applicable	<u>Emergency schedules</u> F-A, S-B

. **Special precautions for user:** Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not available.

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15 Regulatory Information

U.S. Federal regulations:

State regulations

California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

16 Other Information

. Hazardous Material Information System (U.S.A.) (HMIS)

Health	* 3
Flammability	1
Physical hazards	2

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). The customer is responsible for determining the PPE code for this material.

Notice to reader:

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

Although the information and recommendations contained in this SDS are presented in good faith and are believed to be correct as the date of this SDS, Wooster Products makes no representations as to the completeness or accuracy thereof. Final determination of suitability of any material is the sole responsibility of the user. In no event will Wooster Products or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

. Abbreviations and acronyms:**DOT:** US Department of Transportation.**CAS:** Chemical Abstract Services (division of the American Chemical Society)