

SAFETY DATA SHEET

Section 1-Chemical Product/Company Identification

Product Name

Wonder Putty/Perm-E-Lastic Glazing

Atlas Putty Products Company

8351 West 185th Street
Tinley Park IL 60477

Phone: 708-429-5858

Fax: 708-429-4280

Emergency Phone Number: 800-373-2727

Monday-Friday 7:30 am – 4:30 pm (central)

Section 2-Hazard(s) Identification

HMIS Ratings:

Health: 1

Flammability: 0

Reactivity: 0

Personal Protection: E

Route(s) of Entry:

Inhalation: Not acutely toxic by inhalation. Inhalation of any particulates or dust is unlikely due to the viscous nature of finished product and if used according to package directions.

Skin: Non irritating if intact unbroken skin is contacted

Ingestion: Do not take internally. May cause gastrointestinal distress. Keep away from children.

Eye Contact: May cause slight eye irritation. Avoid eye contact

Section 3-Composition/Information on Ingredients

| <u>Common Name</u> | <u>C.A.S. No.</u> | <u>Wt. %</u> | <u>PEL</u> | <u>TLV</u> | <u>units</u> |
|-----------------------------|-------------------|--------------|--------------------------------|------------|--|
| Vegetable Oil | 8001-22-7 | < 5 | Total Dust 15 Respirable 5 | | mg/m ³ mg/m ³ |
| Tall Oil Fatty Acids | 61790-12-3 | < 0.5 | | 5 | mg/m ³ |
| Fish Oil | 68389-85-5 | > 8 | NA | NA | |
| Methyl Ethyl Ketoxime** | 96-29-7 | < 0.4 | | 10 | ppm |
| 2-Octyl-2H-isothiazol-3-one | 26530-20-1 | < 0.1 | NA | NA | |
| Iron Oxide Pigment | | < 0.1 | Total Dust 15 Respirable NE | 10 5 | mg/m ³ mg/m ³ |
| Talc | 14807-96-6 | > 6 | Total Dust 20 Respirable NE | NE 0.2 | mg/m ³ mg/m ³ |
| Titanium Dioxide | 13463-67-7 | < 2 | Total Dust 15 Respirable 5 | 10 3 | mg/m ³ mg/m ³ |
| Calcium Carbonate*** | 1317-65-3 | > 70 | Total Dust 15 Respirable 5 | 10 | mg/m ³ mg/m ³ |

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** Supplier recommended exposure limit for Methy Ethyl Ketoxime is 3 ppm (TWA). See SECTION 16 for more information.

***Calcium Carbonate may contain crystalline silica at levels between 0.01% and 2% and varies naturally. See SECTION 16 for further information on crystalline silica. Inhalation is unlikely due to the viscous nature of finished product.

The Federal Hazard Communication Standard 29 CFR 1910.1200 does not consider unlisted ingredients hazardous.

Section 4-First Aid Measures

Emergency and First Aid procedures:

Skin contact: Wash affected area with soap and water. Consult physician if irritation persists.

Inhalation: Remove patient to fresh air.

Ingestion: Do not induce vomiting. Consult physician immediately.

Eye contact: Flush eyes with water. Consult physician if irritation persists.

Section 5- Firefighting Measures

NFPA: Health: 1 Flammability: 0 Reactivity: 0 Special: None

Flash Point: Noncombustible

Flammable Limits: LEL: Not Available UEL: Not Available

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Foam. Water spray. Dry Chemical. Carbon Dioxide.

Unsuitable Extinguishing Media: Not known

Special firefighting procedures: Remain upwind. Avoid breathing smoke. Exposed firefighters must wear NIOSH-approved positive pressure self-contained apparatus with full-face mask and full protective clothing. Do not inhale combustion gases.

Specific hazards in case of fire: Material can splatter above 100C / 212F.

Section 6- Accidental Release Measures

Personal precautions: Avoid eye contact. Use in well ventilated area. Wash contacted skin as soon as possible after exposure. Do not eat, drink or smoke while cleaning up. Material may create slippery conditions.

Methods and materials for cleanup and containment: Contain spills with inert material (sand, earth). Transfer separate suitable containers for recovery or disposal. Dispose of in accordance with Federal, State and local guidelines for handling nonhazardous waste.

Environmental precautions: Avoid release into the environment such as municipal sewers and open bodies of water.

Section 7- Handling and Storage

Precautions for safe handling: Avoid eye contact. Use in well ventilated area. Wash contacted skin as soon as possible after exposure. KEEP AWAY FROM CHILDREN.

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Section 15-Regulatory information

OSHA Hazard Communication Standard (29CFR 1910.1200): This product is considered nonhazardous.

Canadian Workplace Hazardous Materials Information System (WHMIS): This product is not a 'controlled product'.

Canadian Domestic Substances List: All ingredients within the product are listed- where applicable.

National Response Center under CERCLA or SARA: Release of this material to air, land or water is not reportable. This product does not contain a chemical listed in Section 313 at or above de minimis concentrations.

SARA TITLE III:

Section 302 Extremely Hazard Substances: None

Section 311/312 Hazards Category:

| | |
|----------------------------|-----|
| Acute Health | Yes |
| Chronic Health | Yes |
| Fire | No |
| Reactive | No |
| Sudden Release of Pressure | No |

RCRA: Discarded material is classified as a nonhazardous waste.

U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory:

All components of this product are in compliance with the inventory listing requirements.

California Proposition 65: This product contains chemical(s) known to the State of California to cause cancer or reproductive toxicity. The California Safe Drinking Water and Toxic Enforcement of 1986 requires that clear and reasonable warning be given prior to exposing any person to this chemical.

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Concentration</u> |
|----------------------|-------------------|----------------------|
| Crystalline Silica | 14808-60-7 | < 2 % |
| Formaldehyde | 50-0-0 | < 1 ppm |

State Right-To-Know:

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>State(s)</u> |
|----------------------|-------------------|---|
| Calcium carbonate | 1317-65-3 | New Jersey* |
| Talc | 14807-96-6 | New Jersey*, Illinois, Massachusetts, Pennsylvania, Florida |
| Titanium Dioxide | 13463-67-7 | New Jersey*, Pennsylvania |
| Formaldehyde | 50-0-0 | New Jersey* |

*<http://nj.gov/health/eoh/rtkweb/index.shtml>

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Section 16- Other Information

Abbreviations:

< = Less Than > = Greater Than

CASRN (CAS Number) = Chemical Abstracts Service Registry

CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act

DOT = Department of Transportation

HMIS = Hazardous Material Identification System

IARC = The International Agency for Research on Cancer

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limits

PPM = Parts Per Million

RCRA = Resource Conservation and Recovery Act

SARA = Superfund Amendments and Reauthorization Act

STEL = Short Term Exposure Limits

TLV = Threshold Limit Value

TWA = Time Weighted Average

Information on Crystalline Silica:

The U.S. National Institute for Occupational Safety and Health (NIOSH) and Occupational Safety and Health Administration (OSHA) maintain sites with information about crystalline silica and its potential health effects. For NIOSH, <http://www.cdc.gov/niosh/topics/silica>; for OSHA, <http://www.osha.gov/dsg/topics/silicacrystalline/index>.

The IARC Monograph concerning crystalline silica, Volume 100C, can be accessed in PDF form at the IARC web site, <http://monographs.iarc.fr/ENG/Monographs/PDFs/index.php>.

Information on Methyl Ethyl Ketoxime (MEKO):

Not required for properly ventilated areas. If high levels of vapor or mist should accumulate, use an appropriate NIOSH approved respirator. The respirator must be selected based on contamination levels and use conditions found in the workplace, must not exceed the working limits of the respirator and be approved by the National Institute for Occupational Safety and Health (NIOSH) and used in accordance with Occupational Safety and Health Administration (OSHA) 29 CFR 1910.134. The current AIHA WEEL (workplace environmental exposure) value of 10 ppm (TWA), as indicated in Section 2, may no longer be valid based upon findings from lifetime animal studies. It is recommended that concentrations of MEKO be kept below 3 ppm (TWA), the supplier recommended permissible exposure level. Average (8 hour) exposures to MEKO should be measured at 3 ppm or less for typical applications.

The above information is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use of the material, or the hazards connected with such use.

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Conditions for safe storage: Keep containers tightly closed when not in use. Store between 40 F and 90 F, away from foodstuffs or drinking water. Observe good housekeeping practice.

Section 8- Engineering Controls and Personal Protection

Respiratory Protection: Wear NIOSH approved respiratory protection when working in enclosed areas.

Ventilation: Apply product using adequate ventilation.

Protective Gloves: Plastic or rubber gloves may be used to avoid skin contact.

Eye Protection: Eye protection in the form of protective glasses or goggles is recommended if product contact is likely. Eyewash facility accessibility.

Hygiene Measures: Do not eat, drink or smoke when using this product. Wash hands and contacted areas with soap and water before taking breaks and after completing work. Observe good industrial and personal hygiene practices.

Section 9- Physical/Chemical Characteristics

| | | | |
|---|---|-------------------------------|-------------------------|
| Boiling point: | Variable | Appearance & Odor: | White Paste/Slight Odor |
| Vapor Pressure: | NE | Water Solubility: | Partial |
| Vapor Density (Air =1): | NE | Specific Gravity: | 1.4-1.7 (water =1) |
| Evaporation Rate (Water =1): | NA | | |
| Volatile Organic Compounds (V.O.C.): | 0.027 % by wt., .0038 lbs/gal, 0.46 gr./liter | | |

Section 10- Stability and Reactivity Data

Chemical Stability: Stable (Avoid temperatures above 177C/350F)

Incompatible materials: None known

Hazardous Polymerization: Will not occur.

Reactivity: Non reactive when product is used in accordance with intended use.

Hazardous decomposition products: Not determined

Section 11- Toxicological Information

Note: There is no data available on the finished mixed product. Section 3 states the approximate level of ingredients in the mixed product. The product presents no (or limited) hazard when used per instruction in appropriate applications.

Acute Health Hazards:

Oral LD 50 (Rat): No data available on mixed product
Dermal LD 50 (Rabbit): No data available on mixed product
Inhalation LD 50: No data available on mixed product

Chronic Health Hazards: No data available on mixed product

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Carcinogenity/Teratogenicity/Mutagenicity:

| <u>Chemical Name/ CAS Number</u> | <u>IARC Classification</u> | <u>OSHA Classification</u> | <u>ACGIH</u> |
|--------------------------------------|--------------------------------|--------------------------------|--------------|
| Crystalline Silica 14808-60-7 | Group 1 Monograph 68[2011] | | |
| Titanium Dioxide 13463-67-7 | Group B2 Monograph 48[1989] | Not Classified | |

IARC Classification:

- Group 1: Human Evidence
- Group 2A: Limited Human Data
- Group 2B: Sufficient Animal Data

Reproductive Effects: No data available on mixed product

Section 12- Ecological Information

Note: There is no data available on the finished mixed product. Section 3 states the approximate levels of ingredients in the mixed product. The product presents no (or limited) hazard when used per instruction in appropriate applications.

Aquatic Toxicity: Possible marine pollutant based on individual ingredients. Do not dispose of in any waterway, sanitary or industrial sewer system. Not expected to cause ecological problems.

Persistence and Degradability: No data available on mixed product. No accumulation or persistence expected.

Section 13- Disposal Information

Disposal Information: Scoop up, place product into waste container for solid waste disposal. Dispose of in accordance with Federal, State and local guidelines for handling nonhazardous waste.

Section 14- Transport Information

Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT Information: Not regulated

Product RQ (lbs): None

Hazard Class: Not Available

Label: No special labeling required

UN Number: Not Available

Packaging: No special packaging required

Product Label: No special labeling required