



# SDS R1/M15.2

Rev. Date: Dec. 2015

## Section 1. IDENTIFICATION

**Product Name:** R1/M15.2 Trade Names /Synonyms: Machineable Plastic  
**Product Identifier/Chemical Name:** Polyurethane and Filler (Polyol, Isocyanate and Glass Oxide Fillers)  
**Material Use:** Not Available  
**Supplier/Manufacturer:** Goldenwest Manufacturing Incorporated  
 2036 Nevada City Hwy, Box 573, GV, CA 95945  
 530 272-1133 Fax 530 272-1070

**Emergency Phone:** Chemtrec: 800-424-9300

## Section 2. HAZARDS IDENTIFICATION

**OSHA/HCS STATUS:** This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910,1200). Information critical to the safe and proper handling of the product is contained within this SDS.

Classification of the substance or mixture: Not Classified

### GHS Label Elements

Single word: No single word  
 Hazard statements: No known significant effects from overexposure. Treat as nuisance dust.

Precautions: Avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements.

Other hazards which do not result in classification: Handling and/or processing of the material may generate a dust which can cause mechanical irritation of the eyes, nose and throat.

**NFPA:** Health = 0 Fire = 1, Reactivity = 0, Specific Hazard = None

**HMIS III:** Health = 0, Fire = 0, Physical Hazard = 0



## Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredient Name:** Cured Polyurethane Foam 40-100% polymer  
 Glass Oxide 10-50% additive/fillers  
 (any concentration shown as a range is to protect confidentiality)

**Appearance:** Off white/tan color  
**Odor:** No noticeable odor  
**Specific Gravity:** .77 to 1.39 (depending upon filler load)  
**Density:** 60 pcf

## Section 4. FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with water, lift upper and lower eyelids. Remove contact lenses. Get medical attention.

**Inhalation:** Move to an area that has plenty of fresh air. Rest in a position comfortable for breathing. Get medical attention if symptom occur.

**Skin contact:** Flush contaminated skin with water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.



**Ingestion:** Wash out mouth with water. Seek fresh air and rest in a comfortable position for breathing. If material has been swallowed, drink small quantities of water. Get medical attention if symptoms occur.

**Most important symptoms, acute and delayed / Potential acute health effects**

**Eye contact:** No known hazard  
**Inhalation:** No known hazard  
**Skin contact:** No known hazard

**Ingestion:** No known hazard

**Over-exposure signs/symptoms**

**Eye contact:** No known hazard  
**Inhalation:** No known hazard  
**Skin contact:** No known hazard  
**Ingestion:** No known hazard

**Indication of immediate medical attention and special treatment needed**

**Notes to physician:** No specific treatment. Treat symptomatically. Call medical doctor or poison control center if larger quantities have been ingested.

**Protection to first aiders:** No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

**Section 5. FIRE-FIGHTING MEASURES**

Flash Point:	Not applicable (solid material)
Extinguishing media	
Suitable media:	Use an extinguishing agent suitable for the surrounding fire or water.
Unsuitable media:	None known
Specific Hazards arising from the material	No specific fire or explosion hazard. Smoke fumes may cause irritation.
Material can burn	
Hazardous thermal decomposition products:	No specific data
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 contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure.



**Section 6. ACCIDENTAL RELEASE MEASURES**

Not applicable

**Section 7. HANDLING AND STORAGE**

Precautions for safe handling

- Protective Measures:** Put on protective equipment (see Section 8). Maintain clean work area.
- Advise on General Hygiene:** Eating and drinking should be prohibited in areas where this material is handled and stored. Wash hands and face before eating and drinking after handling this material. Remove contaminated clothing and protective equipment before entering eating areas.
- Conditions for safe storage:** Store in accordance with local regulations. Protect from direct sunlight.

**Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Control Parameters

**Appropriate engineering controls:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

**Hygiene:** Wash hands, forearms, and face thoroughly after handling material. Ensure that eye wash stations and safety glasses are near workstation

**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 dust.

**Hand Protection:** N/A

**Body Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

**Skin Protection:** Appropriate footwear (Steel toe shoes) and any additional skin protection measures should be selected based on the task being performed.

**Respiratory Protection:** Use a proper fitted, particulate filter mask complying with an approved standard if the risk assessment indicates this is necessary.

**Thermal Hazards:** N/A

**Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	Solid	Vapor Pressure	N/A
Color	Off white/tan	Vapor Density	N/A
Odor	No Noticeable Odor	Relative Density	60
Odor Threshold	N/A	Solubility in water	Insoluble
pH	N/A	Partition Coefficient	N/A
Melting point/Freezing	N/A	Auto-ignition Temp.	N/A
Boiling/Condensation Point	N/A	Decomposition Temp.	N/A
Flash point	N/A	Viscosity	N/A
Flammability (solid, gas)	N/A		

**Section 10. STABILITY AND REACTIVITY**

Reactivity	No specific test data related to reactivity available for this product or 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	None.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced

**Section 11. TOXICOLOGICAL INFORMATION****Information on toxicological effects**

Acute Toxicity N/A

Irritation/Corrosion

**Conclusion Summary**

Skin / Eyes / Respiratory	Cured Polyurethane: No additional information		
Sensitization	N/A	Mutagenicity	N/A
Carcinogenicity	N/A	Reproductive Toxicity	N/A
Teratogenicity	N/A	Specific target organ toxicity	N/A
Aspiration Hazard	N/A	Info on likely routes of exposure	N/A

**Potential acute health effects**

Eye Contact	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Skin Contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

**Symptoms related to the physical, chemical and toxicological characteristics**

Eye Contact	No specific data
Inhalation	No specific data
Skin Contact	No specific data
Ingestion	No specific data



**Delayed and immediate effects and also chronic effects from short and long term exposure**

Short term exposure	N/A
Potential immediate effects	N/A
Potential delayed effects	N/A

**Potential chronic health effects**

General	No known significant effects or critical hazards
Carcinogenicity	No known significant effects or critical hazards
Mutagenicity	No known significant effects or critical hazards
Teratogenicity	No known significant effects or critical hazards
Developmental effects	No known significant effects or critical hazards
Fertility effects	No known significant effects or critical hazards

**Numeric measures of toxicity**

Acute toxicity estimates	N/A
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**Section 12. ECOLOGICAL INFORMATION**

Toxicity	N/A
Bioaccumulative potential	N/A
Persistence and degradability	N/A
Mobility in soil	N/A
Other adverse effects	No known significant effects or critical hazards

Other ecological information

BODS	Not determined
COD	Not determined
TOC	Not determined

**Section 13. DISPOSAL CONSIDERATION**

**Disposal Methods** Generation of waste should be avoided or minimized whenever possible. Disposal should be in accordance with applicable regional, national, and local laws and regulations. Dispose of surplus and non-recyclable products via a licensed waste contractor.

**Section 14. TRANSPORT INFORMATION**

DOT	Not regulated
IMDG	Not regulated
TDG	Not regulated
IATA	Not regulated

**Section 15. REGULATORY INFORMATION**

Safety, health and environmental regulations specific for this product

**United States Regulations**

TSCA 8 b Inventory	All components are listed or exempted
TSCA 5 a 2 final	No ingredients listed
TSCA 5 e substance constant order	No ingredients listed
TSCA 12 b export Notification	No ingredients listed
SARA 311/312	No ingredients listed
CERCLA Hazardous Substances	No ingredients listed

State Regulations

Pennsylvania - RTK	No ingredients listed
California Prop 65	This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

Canadian regulations

CEPA DSL	All components are listed or exempted
WHMIS	Nat controlled under WHMIS (Canada)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Brazil Regulations

Classification system used	Norma ABNT - NBR 14725-2:2012
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International lists

Australia Inventory AICS	All components are listed or exempted
China Inventory	All components are listed or exempted
Japan Inventory	All components are listed or exempted
Korea Inventory	All components are listed or exempted
Malaysia Inventory EHS Register	Not Determined
New Zealand Inventory of Chemicals NZIoC	At least one component is not listed
Philippines Inventory PICCS	All components are listed or exempted
Taiwan Inventory CSNN	Not Determined



**Section 16. OTHER INFORMATION**

Hazardous Material:	Health:	0
	Flammability:	1
	Physical Hazards:	0
	Personal Protection:	0

The customer is responsible for determining the PPE code for this material.

**Caution:** HMIS(R) 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(R) ratings are not required on SDSs under 29 CFR 1910 1200, the preparer may choose to provide them. HMIS(R) are to be used with a fully implemented HMIS(R) program.

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