SAFETY DATA SHEET

RPD INFORMATION

Address  
5218 Barthel Industrial Drive  
Albertville, MN 55301

Website  
www.rpdinc.com

Email  
sales@rpdinc.com

Phone  
763-497-2071 or 800-497-2071

Fax  
763-497-2295

RPD PRODUCT INFORMATION

RPD is an authorized distributor

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>486-103</td>
<td>Superflab Bolus, 0.3cm x 15cm sq</td>
</tr>
<tr>
<td>486-105</td>
<td>Superflab Bolus, 0.5cm x 15cm sq</td>
</tr>
<tr>
<td>486-110</td>
<td>Superflab Bolus, 1.0cm x 15cm sq</td>
</tr>
<tr>
<td>486-302</td>
<td>Superflab Bolus, 0.2cm x 30cm sq</td>
</tr>
<tr>
<td>486-303</td>
<td>Superflab Bolus, 0.3cm x 30cm sq</td>
</tr>
<tr>
<td>486-305</td>
<td>Superflab Bolus, 0.5cm x 30cm sq</td>
</tr>
<tr>
<td>486-310</td>
<td>Superflab Bolus, 1.0cm x 30cm sq</td>
</tr>
<tr>
<td>486-315</td>
<td>Superflab Bolus, 1.5cm x 30cm sq</td>
</tr>
<tr>
<td>486-320</td>
<td>Superflab Bolus, 2.0cm x 30cm sq</td>
</tr>
<tr>
<td>486-325</td>
<td>Superflab Bolus, 2.5cm x 30cm sq</td>
</tr>
<tr>
<td>486-330</td>
<td>Superflab Bolus, 3.0cm x 30cm sq</td>
</tr>
<tr>
<td>486-340</td>
<td>Superflab Bolus, 4.0cm x 30cm sq</td>
</tr>
</tbody>
</table>

MSDS 486-302  
Revised 11/15
# 1. Identification

**Product identifier**

**Product Name** C-488 Clear

**Other means of identification**

**Product Code(s)** ZCPDC488
**Document** ZCPDC488

**Recommended use of the chemical and restrictions on use**

**Recommended use** Industrial use
**Restrictions on use** No information available

**Details of the supplier of the safety data sheet**

**Manufacturer Address**
GS Plastics, LLC, 23580 Craigs Creek Rd, New Castle, VA 24127

**Emergency telephone number**

**Company Phone Number** Non emergency 276 629-7981
**24 Hour Emergency Phone Number**
**Emergency Telephone** Chemtrec 1-800-424-9300

# 2. Hazard(s) identification

**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute aquatic toxicity</td>
<td>Category 3</td>
</tr>
<tr>
<td>Chronic aquatic toxicity</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

**Hazards not otherwise classified (HNOC)**
Not applicable

**Label elements**

**Hazard statements**
Harmful to aquatic life with long lasting effects
Appearance  viscous          Physical state  Liquid          Odor    Slight

Other information
Not applicable

Unknown acute toxicity
99.01 % of the mixture consists of ingredient(s) of unknown toxicity
96.48 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
96.48 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
99.01 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
99.01 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
99.01 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. Composition/information on ingredients

Substance
Not applicable.

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC Resin 01</td>
<td>9002-86-2</td>
<td>10 - 20</td>
<td>*</td>
</tr>
<tr>
<td>Plasticizer 34</td>
<td>8013-07-8</td>
<td>1 - &lt;3</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

Inhalation Remove to fresh air.
Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact Wash skin with soap and water.
Ingestion Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the
surrounding environment.

Unsuitable extinguishing media
CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
No information available.

Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

Special protective equipment for fire-fighters
Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
Ensure adequate ventilation.

Methods and material for containment and cleaning up

Methods for containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Control parameters

Exposure Limits
The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC Resin 01 9002-86-2</td>
<td>TWA: 1 mg/m³ respirable particulate matter</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering controls
Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment
Eye/face protection: No special protective equipment required.

Skin and body protection: No special protective equipment required.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>viscous</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>clear</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>&gt; 200</td>
<td>None known</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 200</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.1 to 1.3</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Other information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Softening point</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>&lt;0.02 g/L</td>
<td></td>
</tr>
<tr>
<td>Liquid Density</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information</td>
<td>available</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

Reactivity: No information available.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: None known based on information supplied.
Incompatible materials
None known based on information supplied.

Hazardous decomposition products
None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation
Specific test data for the substance or mixture is not available.

Eye contact
Specific test data for the substance or mixture is not available.

Skin contact
Specific test data for the substance or mixture is not available.

Ingestion
Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
No information available.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 55,652.20 mg/kg
ATEmix (dermal) 27,798.21 mg/kg

Unknown acute toxicity
99.01 % of the mixture consists of ingredient(s) of unknown toxicity
96.48 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
96.48 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
99.01 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
99.01 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
99.01 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plasticizer 34 8013-07-8</td>
<td>= 40 g/kg ( Rat )</td>
<td>&gt; 20 mL/kg ( Rabbit )</td>
<td>-</td>
</tr>
</tbody>
</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation
No information available.

Serious eye damage/eye irritation
No information available.

Respiratory or skin sensitization
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
No information available.
The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC Resin 01</td>
<td>-</td>
<td>Group 3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>9002-86-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend
IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.
Other adverse effects No information available.
Interactive effects No information available.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plasticizer 34</td>
<td>EC50: &gt;8mg/L (72h, Desmodesmus subspicatus)</td>
<td>LC50: &gt;900mg/L (48h, Leuciscus idus)</td>
<td>-</td>
<td>EC50: &gt;100mg/L (24h, Daphnia magna)</td>
</tr>
<tr>
<td>8013-07-8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability No information available.
Bioaccumulation There is no data for this product.
Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging Do not reuse empty containers.
US EPA Waste Number U043

14. Transport information
DOT Not regulated
TDG Not regulated
MEX Not regulated
ICAO (air) Not regulated
IATA Not regulated
IMDG Not regulated
RID Not regulated
ADR Not regulated
ADN Not regulated

15. Regulatory information

International Inventories
TSCA Contact supplier for inventory compliance status.
DSL/NDSL Contact supplier for inventory compliance status.
EINECS/ELINCS Contact supplier for inventory compliance status.
ENCS Contact supplier for inventory compliance status.
IECS Contact supplier for inventory compliance status.
KECL Contact supplier for inventory compliance status.
PICCS Contact supplier for inventory compliance status.
AICS Contact supplier for inventory compliance status.

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECS - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level.
pertaining to releases of this material.

**US State Regulations**

**California Proposition 65**
This product contains trace amounts of Vinyl Chloride Monomer. A chemical known to the State of California to cause cancer CAS 75-01-4.

**U.S. State Right-to-Know Regulations**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC Resin 01 9002-86-2</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Filler 129 112926-00-8</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. Other information**

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Key or legend to abbreviations and acronyms used in the safety data sheet

**Legend** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- TWA: TWA (time-weighted average)
- STEL (Short Term Exposure Limit)
- Skin designation

**Key literature references and sources for data used to compile the SDS**

- Agency for Toxic Substances and Disease Registry (ATSDR)
- U.S. Environmental Protection Agency ChemView Database
- European Food Safety Authority (EFSA)
- EPA (Environmental Protection Agency)
- Acute Exposure Guideline Level(s) (AEGL(s))
- U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
- U.S. Environmental Protection Agency High Production Volume Chemicals
- Food Research Journal
- Hazardous Substance Database
- International Uniform Chemical Information Database (IUCLID)
- Japan GHS Classification
- Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
- NIOSH (National Institute for Occupational Safety and Health)
- National Library of Medicine's ChemID Plus (NLM CIP)
- National Library of Medicine's PubMed database (NLM PUBMED)
- National Toxicology Program (NTP)
- New Zealand's Chemical Classification and Information Database (CCID)
- Organization for Economic Co-operation and Development High Production Volume Chemicals Program
- Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

Issuing Date  
05-Sep-2019

Revision date  
18-Oct-2019

Revision Note  
No information available.

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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### Data for Regulatory Rules

<table>
<thead>
<tr>
<th>Region</th>
<th>Template name</th>
<th>Revision Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States of America</td>
<td>AGHS</td>
<td>2.0</td>
</tr>
</tbody>
</table>

TSCA                    Does not comply
DSL/NDSL                Does not comply
EINECS/ELINCS           Does not comply
ENCS                    Does not comply
IECSC                   Does not comply
KECL                    Does not comply
PICCS                   Does not comply
AICS                    Does not comply

### GHS Product Information

Physical state  Liquid
Americas (OSHA)

GHS Classification

- Acute aquatic toxicity: Category 3
- Chronic aquatic toxicity: Category 3
- Hazard statements: Toxic to aquatic life
- Acute aquatic toxicity: Harmful to aquatic life with long lasting effects (H402)
- Chronic aquatic toxicity: Harmful to aquatic life with long lasting effects (H412)
- Hazard statements: Harmful to aquatic life with long lasting effects

The following values are calculated based on chapter 3.1 of the GHS document:

- ATEmix (oral): 55,652.20 mg/kg
- ATEmix (dermal): 27,798.21 mg/kg

Unknown aquatic toxicity: 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Unknown Acute Aquatic Toxicity: 97.47%
Unknown Chronic Aquatic Toxicity: 0
Product ATE Oral Status: 1
Product ATE Dermal Status: 1
Product ATE Inhalation - Gas Status: 1
Product ATE Inhalation - Vapor Status: 1
Product ATE Inhalation - Dust/Mist Status: 1
Product Skin Corrosion Status: 1
Product Eye Damage Status: 1
Product Respiratory Sens. Status: 1
Product Skin Sensitization Status: 1
Product Mutagenic Status: 1
Product Carcinogenic Status: 1
Product Reproductive Toxicity Status: 1
Product STOT Single Status: 1
Product STOT Repeated Status: 1
Product Aquatic Toxicity Status: 1
Product Aspiration Toxicity Status: 1
Product Ozone Status: 1
Product and Component Overall Classification Status: 1

Unknown acute toxicity: 99.01 % of the mixture consists of ingredient(s) of unknown toxicity

- 96.48 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 96.48 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 99.01 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 99.01 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 99.01 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Label elements

(Bad file name)

WARNING! This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.