




Safety Data Sheet

BOSS® 348 Multi Purpose Construction Adhesive

Section 1. Identification

Product Identifier	BOSS® 348 Multi Purpose Construction Adhesive		
Synonyms	34800; 04050WH10		
Manufacturer Stock Numbers	04050WH10		
Recommended use	Refer to Technical Information		
Uses advised against	Refer to Technical Information		
Manufacturer Contact Address	Soudal Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA		
	Phone	Emergency Phone	Fax
	(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 765-2412

Section 2. Hazards Identification

Classification	SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2
Signal Word	Warning
Pictogram	
Hazard Statements	May cause damage to organs through prolonged or repeated exposure (kidneys)
Precautionary Statements	

Response	Get medical advice/attention if you feel unwell.
Prevention	Do not eat, drink or smoke when using this product. Do not swallow.
Storage	N/A
Disposal	Dispose of contents/container in accordance with local, state and federal regulations.
General	If medical advice is needed, have product container or label at hand Keep out of reach of children Read label before use
Ingredients of unknown toxicity	12%
Hazards not Otherwise Classified	
Additional Information	None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
107-21-1	Ethylene Glycol	1% - 5%
57-13-6	Urea	1% - 5%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
Inhalation	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
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.

Notes to Physician

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use an extinguishing agents suitable for the surrounding fire.
Unsuitable Extinguishing Media	None known
Flammability of the product	In a fire or if heated, a pressure will occur and the container may burst.
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 full face-piece operated in positive pressure mode.

Section 6. Accidental Release Measures

Personal precautions	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 personal protective equipment (see section 8).
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).
Small spill	Stop leak if without risk. Move containers from spill area. Dispose of via a licensed waste disposal contractor. Absorb with inert material.
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. 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 hazard as the spilled product.
Note	See section 1 for emergency contact information and section 13 for waste disposal.

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). 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. Do not get in eyes or on skin clothing. Do not breathe vapor or mist. Do not ingest. 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.
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Storage 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. 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 contaminated.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Ethylene Glycol	50 mg/m3	40 ppm	40 ppm
	Urea	N/A	N/A	N/A

Personal Protective Equipment Goggles, Gloves

Recommended Monitoring Procedures If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering Measures No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory.

Hygiene measures Wash hands, forearms and face 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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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.

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.

Eye Protection Safety eyewear complying with an approved standard should be used when a risk assessment indicates this necessary to avoid exposure to liquid splashes, mists or dusts.

Skin 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.

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

Section 9. Physical and Chemical Properties

Physical State	Liquid (paste)
Color	Beige
Odor	Characteristic (slight)
Odor Threshold	Not available
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	1.5g/L less H ₂ O, exmpt solvent
Viscosity	N/A
Specific Gravity	1.36163
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>93.333C >200F
FP Method	Setaflash
Ph	5
Melting Point	Not available
Boiling Point	100C 212F
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	< 1 (butyl acetate=1)
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Note The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

Chemical stability	The product is stable.
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Hazardous polymerization	Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to avoid	No specific data.
Materials to Avoid	No specific data.
Incompatibility	Reactive or incompatible with the following materials: Acids and alkalis.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Acute Toxicity	For Ethanediol (107-21-1) LD50 Dermal 9530 uL/kg (Rabbit) LD50 Intraperitoneal 5010 mg/kg (Rat) LD50 Intravenous 2360 mg/kg (Rat) LD50 Oral 4700 mg/kg (Rat) LD50 Subcutaneous 2800 mg/kg (Rat) LD50 Unreported 13 gm/kg (Rat) LDLo Intravenous 2800 mg/kg (Rat) LDLo Intramuscular 3300 mg/kg (Rat) TDLo Oral 1110 mg/kg (Rat) TDLo Oral 5000 mg/kg (Rat) TDLo Oral 120 mg/kg (Rat) TDLo Oral 1000 mg/kg (Rat) TDLo Subcutaneous 3000 mg/kg (Rat)
Chronic Toxicity	No known significant effects or critical hazards.
Irritation/Corrosion	Skin: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Eyes: This product may irritate eyes upon contact.
Sensitizer	No known significant effects or critical hazards.
Carcinogenicity	For Ethanediol (107-21-1) ACGIH A4 IARC --- EPA --- NIOSH --- NTP --- OSHA ---
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Reproductive Toxicity	No known significant effects or critical hazards.

Section 12. Ecological Information

Environmental Effects	No known significant effects or critical hazards.
Biodegradability	No known significant effects or critical hazards.
Other adverse effects	No known significant effects or critical hazards.

Section 13. Disposal

Disposal methods	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should 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
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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 empty 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.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not regulated
DOT Classification	Not regulated
Packing Group	Not regulated
Special precautions for user:	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available

Section 15. Regulatory Information

US Federal Regulations	TSCA 8(a) CDR EXEMPT/PARTIAL EXEMPTION Not determined.
	UNITED STATES INVENTORY (TSCA 8b) All components are listed or exempted.
Clean Air Act	Section 112(b) Hazardous Air Pollutants (HAPs) Not listed
	Section 602 Class I Substances Not listed
	Section 602 Class II Substances Not listed
Superfund Amendments and Reauthorization Act of 1986 (SARA)	SARA 302/304 - Composition/information on ingredients No products were found
	SARA 304 RQ Not applicable
	SARA 311/312 Classification Delayed (chronic) health hazard
	SARA 311/312 - Composition/information on ingredients Urea (57-13-6) : Immediate (acute) health hazard Ethanediol (107-21-1) : Immediate (acute) health hazard, Delayed (chronic) health hazard
	SARA 313

SARA 313 notifications must not be detached for the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed

Form R - Reporting requirements
Ethanediol (107-21-1) 1-5%

Supplier notification
Ethanediol (107-21-1) 1-5%

State Regulations

Massachusetts
The following components are listed: ETHYLENE GLYCOL

New York
The following components are listed: Ethylene glycol

New Jersey
The following components are listed: ETHYLENE GLYCOL, 1,2-ETHANEDIOL

Pennsylvania
The following components are listed: 1,2-ETHANEDIOL

California Proposition 65
Not applicable

Section 16. Other Information

Revision Date

8/12/2016

Disclaimer

The data contained herein is based upon information that Soudal Accumetric believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.