

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010



Date Issued : 08/02/2022

SDS No : HOOF GRIP PRO PART B-EU

HOOF GRIP PRO PART B

SECTION 1 : Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Product name : HOOF GRIP PRO PART B
UFI : 3EX2-C0S9-2002-J5T9

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Polyurethane resin

1.3. Details of the supplier of the safety data sheet

Manufacturer

Chem Select
 10980 Arrow Route #106
 Rancho Cucamonga, CA 91730

Emergency Phone : (800) 985-2012

1.4. Emergency telephone number

CHEMTREC (USA & Canada): (800) 424-9300
 or (703) 527-3887 CCN# 2820

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Health : Skin Irritation, Category 2
 Eye Irritation, Category 2A
 Skin Sensitization, Category 1

2.2. Label elements

Contains 1,3-Benzenedimethanamine

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictogram(s) :



Exclamation
mark

Signal Word : WARNING

Hazard statement(s) : H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H317: May cause an allergic skin reaction.

Precautionary statement(s)

Prevention : P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response : P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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Disposal

P337+P313: If eye irritation persists: Get medical advice/attention.
 : P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards**Other hazards**

: Persons previously sensitized to amines may develop a cross-sensitization reaction to certain other amines.

SECTION 3: Composition / information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

Chemical Name	CAS	EINECS No.	% w/w	Classification according to Regulation (EC) No 1272/2008 [CLP]
Hydroxy terminated poly(oxyalkylated) polyol	102-60-3	203-041-4	1 - 4	H319
1,3-Benzenedimethanamine	1477-55-0	216-032-5	2 - 3	H302 + H332; H314; H317; H318; H412

For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures**Following eyes**

: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical advice/attention.

Following skin

: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical advice/attention if irritation or rash develops. Wash clothing before reuse.

Following ingestion

: If swallowed, call a physician immediately. Do not induce vomiting unless directed to do so by medical personnel. Provided the patient is conscious, wash out mouth with water. Never give anything by mouth to an unconscious person.

Following inhalation

: Remove to fresh air. Seek medical advice/attention if breathing becomes difficult or if respiratory irritation develops.

4.2. Most important symptoms and effects, both acute and delayed**Eyes**

: Causes serious eye irritation.

Skin

: Causes skin irritation. May cause an allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed**Notes to physician**

: None needed under normal conditions of use.

SECTION 5: Fire fighting measures

5.1. Extinguishing media**Extinguishing media**

: Water spray, carbon dioxide, dry chemical, or foam.

5.2. Special hazards arising from the substance or mixture**Hazardous combustion products**

: Carbon monoxide, carbon dioxide, and nitrogen oxides.

5.3. Advice for firefighters

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- Fire fighting procedures** : Cool fire exposed containers with water spray. Remove containers from the fire area if possible. Do not release runoff from fire control methods to sewers or waterways.
- Fire fighting equipment** : Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and consider use of unmanned hose holders or monitor nozzles for fighting large fires.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General procedures** : Refer to section 8 of SDS for personal protection details. All emergency and non-emergency responders must have recommended PPE prior to addressing any release of material. In addition, ensure adequate ventilation of area, and/or use personal respirators with vapor cartridges for large releases or a release in a confined location. If necessary, review local/regional release reporting requirements only after the release has been adequately contained.
- Release notes** : Composition and extent of any spill should be evaluated against local regulations and reported to the proper agencies, if necessary.

6.2. Environmental precautions

- Water spill** : Do not discharge into drains, surface waters, or groundwater.

6.3. Methods and material for containment and cleaning up

- Spill and Leak Procedures** : Evacuate unnecessary personnel from the spill area. Wear necessary personal protective equipment (PPE) as specified in the SDS or the site emergency response plan. Eliminate all sources of ignition. Ensure adequate ventilation. Dike and contain spill. Prevent product from entering drains or waterways. Absorb with non-combustible material (such as sand, earth, diatomaceous earth, or vermiculite) and transfer to a container for disposal according to local/national regulations.

6.4. Reference to other sections

- Reference to other sections** : Section 8 and Section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- General procedures** : Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Spills on surfaces increase risk of slipping. Wash thoroughly after handling.
- Handling** : Use appropriate personal protective equipment as specified in Section 8. Handle in a well-ventilated area. Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.
- Storage** : Store in a dry and well-ventilated place, away from excessive heat, in original or similar container. Avoid unnecessary contact. Protect from freezing. Containers should be tightly sealed to prevent contamination with foreign materials.

7.2. Conditions for safe storage, including any incompatibilities

- Storage temperature** : 65-80°F (18-27°C)
- Shelf life** : 3 months from date of shipment under manufacturers recommended storage conditions.

7.3. Specific end use(s)

- Specific end use(s)** : Polyurethane curative for professional/industrial applications

SECTION 8: Exposure controls / personal protection

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8.1. Control parameters

Control parameters : None needed under normal conditions of use.

8.2. Exposure controls

Engineering controls : Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Eye/face protection : Safety goggles or glasses are recommended. Plastic face shields should be used for complete face protection to protect against possible splashing or spraying of material. ANSI Z87.1, EN 166, or approved equivalent.

Skin protection : Chemical-resistant gloves and chemical goggles, face-shield, and synthetic apron or coveralls should be used to prevent contact with eyes, skin, or clothing. Select gloves in accordance with EU standard EN 374 and eye protection in accordance with EU standard EN 166.

Respiratory protection : Exhaust ventilation recommended. An organic vapor cartridge or fresh air supplied respirator may be necessary for certain applications. Consider the type of application, environmental concentrations, and other materials being used concurrently when determining respirator use and selection. Select in accordance with EU Standard EN 140 or EN 136, or other applicable regulations and good industrial hygiene practice.

Protective clothing : Wear protective clothing as needed to avoid skin contact.

Work hygienic practices : Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Wash hands before eating.

Other precautions : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Training is important. Follow all label precautions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Lime Green

Odour : Slight amine

pH : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : > 160°C Pensky-Martens CC

Vapor pressure : No data available

Vapor density : No data available

Specific gravity : 1.038 (water=1) at 25°C

Solubility in water : Slightly soluble

Auto-ignition temperature : No data available

Viscosity #1 : 2590 Centipoise at 25°C

Viscosity #2 : 2495 Centistokes at 25°C

9.2. Other information

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(VOC) : < 0.1 g/l Calculated. Theoretical VOC minus water and exempt solvents.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Hazardous reactions will not occur under normal transport or storage conditions.

10.2. Chemical stability

Chemical stability : This product is stable under normal ambient conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions : No data available

10.4. Conditions to avoid

Conditions to avoid : High temperatures, moisture, and freezing conditions.

10.5. Incompatible materials

Incompatible materials : Isocyanates, strong acids, strong bases, and strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products : Carbon monoxide, carbon dioxide, and nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute

Chemical Name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
Hydroxy terminated poly(oxyalkylated) polyol	3280 mg/kg Rat	> 2000 mg/kg Rabbit	No data available
1,3-Benzenedimethanamine	980 mg/kg Rat	2000 mg/kg Rabbit	1.34 mg/l Rat (4 h)

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause sensitization by skin contact.

Germ cell mutagenicity : None Expected

Carcinogenicity : None of the components are classified as a carcinogen by the EU CLP.

Reproductive toxicity : None Expected

STOT-single exposure : No data available

STOT-repeated exposure : None Expected

Aspiration Hazard : None Expected

11.2. Information on other hazards

SECTION 12: Ecological information

12.1. Toxicity

Toxicity : No specific ecological data are available for this product. Refer to Section 6 for information regarding accidental release and Section 15 for regulatory reporting information.

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12.2. Persistence and degradability

Persistence and degradability : It is unlikely that significant environmental exposure in the air or water will arise based on consideration of the production and use of the substance.

12.3. Bioaccumulative potential

Bioaccumulative potential : No data available

12.4. Mobility in soil

Mobility in soil : No data available

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : This product is not a PBT or vPvB.

12.6. Endocrine disrupting properties

Endocrine disrupting properties : No data available

SECTION 12: Ecological information

Environmental data : No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal method : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protections and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Waste codes : EU Waste Code (as sold): 080409 Waste Adhesives and Sealants containing organic solvents or other dangerous substances.

SECTION 14: Transport information

14.1-14.6: Not Regulated

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk : This product is not intended to be transported in bulk.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

RoHS : This product does not contain any of the hazardous substances listed. Therefore, the product conforms to the European Union (EU) Restriction of Hazardous Substances (RoHS) Directive 2002/95/EC.

General comments : This product is classified and labeled in accordance with CLP Regulation. This product SDS complies with the requirements of Regulation (EC) No. 1907/2006 (REACH).

15.2. Chemical safety assessment

Chemical safety assessment : No data available

SECTION 16: Other information

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Relevant H-statements (number and full text)

: H302 + H332: Harmful if swallowed or if inhaled.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Reason for issue

: Revision

Manufacturer disclaimer

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