



Safety Data Sheet

according to Regulation (EC) No 1907/2006

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: Epoxy Putty Stick (Multi/Aqua/Steel/Wood/Copper/Stone/Aluminum)
Mixture
Hazard Rating: Health: 1 Flammability: 1 Reactivity: 0
Company Identification: Winkel GmbH
Contact: Lisztstr. Nr.1 D-53881 Euskirchen/GERMANY
Telephone/Fax: TEL +49 (0) 22517769400401 FAX 49 (0) 22517769402
Material type: Epoxy Putty Stick

SECTION 2- HAZARDS IDENTIFICATION

Warning! Irritant: Product contains chemicals known to cause skin and eye irritation and may cause sensitization by skin contact.

Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation, Category 2- (H315)

Serious eye damage/irritation, Category 2- (H319)

Skin sensitisation, Category 1B- (H317)

Acute aquatic toxicity, Category 3- (H412)

GHS Label Elements

Contains: 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane,
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro.-omega.-hydroxy-,
ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether

Signal Word: Warning

H315-Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects



Precautionary Statements:

P264 Wash hands (skin) thoroughly after handling

P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/ face protection

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P303 + P361 IF ON SKIN: Take off contaminated clothing. Wash contaminated clothing before reuse.

P332 + P313 IF SKIN irritation 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.

P337 + P313 IF eye irritation persists: Get medical advice/attention

SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

Mixtures

Ingredient	Cas Number	Percent	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Reach Registration number
Ingredients -part A (resin)				
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	1675-54-3	25-<28%	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	01-2119456619-26
Fused Silica	60676-86-0	20-21.5%	-	Exempt
Magnesium Silica	14807-96-6	37-38%	-	
Pigment (Mixture)		2-3%	-	
Calcium carbonate	00471-34-1	8-11%	-	
Ingredients -part B (hardener)				
Poly[oxy(methyl-1,2-ethanediy)], . alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether	72244-98-5	28-<30%	Skin Sens. 1B (H317) Aquatic Chronic 3 (H412)	01-2120118957-46-0000
Tri(dimethylaminomethyl)phenol	90-72-2	1.5-2.5%	-	01-2119560597-27
Fused Silica	60676-86-0	19-20%	-	Exempt
Magnesium Silica	14807-96-6	35-37%	-	
Calcium carbonate	00471-34-1	10-11%	-	

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove to fresh air.
Ingestion: Seek medical advice.
Skin Contact: Wash with plenty of soap and water.
Eye Contact: Flush with water for at least 15 minutes. Seek medical advice.

NOTE: Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURE

Flammable Conditions: Avoid direct sources of heat or ignition.
Extinguishing Media: Carbon dioxide, dry chemical and foam.
Flash Point: Not applicable-solid
Flammability Limits: LEL-not available UEL-not available
Autoignition Temperature: Not available
Harzardous Combustion Oxides of carbon, aldehyde, acids, oxides of sulfur and nitrogen may be formed.
Products:
Sensitivity- Impact: Not available
Static: Not available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Wear appropriate personal protective equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place into a designated, labeled waste container. Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor.

SECTION 7 - HANDLING AND STORAGE

Keep container tightly closed

Storage Temperature: < 90°F (32°C)

Storage Conditions: Storage in cool, dry, well ventilated area.

Transfer: No special precautions are needed. Follow good manufacturing and handling practices.

Personal Hygiene: Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, faceshield, and gloves. Professionally launder contaminated clothing before re-use.

Empty container precautions: Attention! This container can be hazardous when empty. Follow label cautions even after the container is empty since empty containers could retain product residues. Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Equipment Types:

Eyes: Safety glasses or goggles.

Respiratory: None required unless sanding or abrading

Gloves: Appropriate impervious gloves. Because a variety of protective gloves exist, Consult , glove manufacturer to determine the proper type for a specific operation.

Other: None required.

Ventilation: Use local exhaust as needed to maintain occupational exposure limits if sanding or abrading.

General Mechanical: None Required.

Local Exhaust: Only if heated above 100°F (38°C)

SECTION 9 - PHYSICAL DATA

Form: PUTTY

Odor: Non

Solubility (in water): Insoluble in water

Evaporation Rate: NOT AVAILABLE

Vapor Density: Non-Volatile

% Volatile Weight: 0.00%

Vapor Pressure: NOT AVAILABLE

Flash Point: NOT AVAILABLE

Auto Ignition Temperature: NOT AVAILABLE

Upper Explosive Limit: NOT AVAILABLE

Lower Explosive Limit: NOT AVAILABLE

Boiling Point: NOT AVAILABLE

Melting Point: NOT AVAILABLE

VOC: < 1%

Heavy Elements (ppm): 0

Specific Gravity: 2.18

NON RESTRICTED

NOTE:

The physical data represented above are typical values and should not be construed as a specification.

For additional physical data and details on use, please obtain a technical data sheet for this product.

SECTION 10 - STABILITY AND REACTIVITY DATA

General: This is a stable material.

Conditions of Reactivity: Under normal conditions of storage and use, hazardous reactions will not occur.

Incompatible Materials and Conditions to Avoid:

Temperatures above 95°F (35°C). Oxidizing agents, acids and bases, amines.

Hazardous Decomposition: Nitrogen oxides. Combustion produces oxides of carbon including highly poisonous carbon monoxide. Sulphur oxides.

Hazardous Polymerization: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

Effect of over -exposure: Irritation of intestinal tract if ingested.

Exposure Limits: Magnesium Silica: 7 mg/m³ ACGIH(TLV) and OSHA(PEL).
OSHS(PEL)
Fused Silica – 5 mg/m³ PEL ,MSHA

Target Organs: No specific data

POTENTIAL HEALTH EFFECTS:

Eye Contact: Causes serious eye irritation. Symptoms may include pain or irritation, watering, redness.

Ingestion: Irritating to mouth, throat and stomach.

Inhalation: Dusts released from sanding hardened putty may cause irritation to the respiratory tract. Exposure to decomposition products may cause a health hazard. Serous effects may be delayed following exposure.

Skin Contact: Causes skin irritation. Symptoms may include irritation, redness

LD50: Not available for mixture

LC50: Not applicable for mixture

Carcinogenicity: Silica, crystalline quartz:

IARC: Category 1

National Toxicology Program: Quartz 14808-60-7

OSHA: See Section 15

California Prop 65: Silica, crystalline (non-respirable). Talc, not containing asbestiform fibers.

Reproduction Toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Synergistic Products: Not available

Diglycidyl ether of bisphenol A:

Ingestion: The oral LD50 for rats is 11.4 g/kg.

Skin: Severe irritant, Rabbit: 24 hours 2 Milligrams

2,4,6-Tri (dimethylaminomethyl) phenol:

Ingestion: The oral LD50 for rats is 1200 mg/kg.

Skin: The dermal LD50 for rats is 1280 mg/kg.

Skin: Severe irritant, Rat: 0.25 Milliliters

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Fate: Environment: Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken prevent this product from entering the environment.

Inhalation: Remove to fresh air.

Ingestion: Seek medical advice.

Skin Contact: Wash with plenty of soap and water.

Eye Contact: Flush with water for at least 15 minutes. Seek medical advice.

NOTE: Never give anything by mouth to an unconscious person.

SECTION 13 - DISPOSAL CONSIDERATIONS

Mobility: Water contaminating.

Persistence and degradability: Not inherently biodegradable

Bioaccumulative potential: Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

Ozone depletion potential: No ozone depleting chemicals are present or used in manufacture.

Toxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

SECTION 14 - TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE:

Shipping name: None Allocated

UN No: None Allocated

Hazchem Code: None Allocated

Pkg Group: None Allocated

DG Class: None Allocated

Subsidiary Risk(s): None Allocated

EPG: None Allocated

Classification:

Land transport ADR/RID/GGVS/GGVE: Not considered as dangerous goods.

Inland navigation AND/ADNR: Not considered as dangerous good

Transport by sea IMDG/GGVSea: Not considered as dangerous good

Air transport ICAO/IATA: Not considered as dangerous good

***This product won't cause pollution to the ocean**

SECTION 15 - REGULATORY INFORMATION

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): No Reportable Quantity
OSHA Hazard Communication Standard, 29 CFR 1910.1200: talc (no asbestos fibers).
SARA Title III (Superfund Amendments and Reauthorization Act):
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane, Tri(dimethylaminomethyl)phenol

SECTION 16 - OTHER INFORMATION

TSCA Inventory Status: Chemical components listed on TSCA inventory expect as exempted.

HMIS codes: Health: 1

DOT/TDG shipping information:

WHMIS Classification: D2A

Waste Disposal: Dispose in accordance with Federal, State/Provincial and local regulations.

Date Prepared: 2021-DEC

Prepare by: Technical Service Department