

Material Safety Data Sheet



1. Product and Company Identification

Product Name: Crystal Gloss A

Chemical Family: Liquid epoxy - prepolymer

Product Use: Two-component epoxy casting mass (resin)

Manufacturer:
Swarovski AG
Droeschstrasse 15
FL 9495 Triesen
Liechtenstein

24 Hour Emergency Number: ++43 (0) 5224 500 1330

2. Hazards Identification

EMERGENCY OVERVIEW

APPEARANCE/ODOR: White pasty material with a slight, product specific odor

POTENTIAL HEALTH EFFECTS: See Section 11 for more information

CAUTION

PROLONGED OR REPEATED CONTACT MAY CAUSE ALLERGIC SKIN REACTION

This product is considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200).



WHMIS Classification: Class D2B

ROUTES OF ENTRY: Skin and eye contact, inhalation and ingestion.

Overexposure may cause irritation to eyes. Prolonged or repeated contact may cause allergic dermatitis.

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CARCINOGENICITY:

NTP.....: No

IARC.....: No

OSHA.....: No

3. Composition/Information on Ingredients

<u>Component</u>	<u>CAS#</u>	<u>% By Wt</u>
Epoxy resin	25068-38-6	
Average mol. wt. <700		< 25
Average mol. wt. >700		> 40

4. First Aid Measures

SKIN: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation occurs.

EYES: Hold eyes open and flush for at least 15 minutes with large amounts of water. Seek medical attention if irritation persists.

INGESTION: Do not induce vomiting. Give two glasses of water to dilute stomach contents. Never give anything by mouth to an unconscious person. Consult physician immediately.

INHALATION: Remove to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult administer oxygen. Call for immediate medical assistance.

5. Fire fighting Measures

EXTINGUISHING MEDIA: Alcohol foam, carbon dioxide, dry powder, water mist.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective clothing. Use water spray only to cool drums or packages in fire area.

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6. Accidental Release Measures

SPILL AND LEAK PROCEDURES: Wearing appropriate personal protective equipment, Contain spills onto inert absorbent and place in suitable containers.

7. Handling and Storage

HANDLING: Use only in well ventilated areas. Avoid prolonged or repeated contact with skin. Wash hands and other exposed body areas before eating. Eyewash fountains and safety showers must be easily accessible.

STORAGE: Store closed original containers at less than 30 °C. Keep away from exposure to sunlight and sources of heat.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Use in a well ventilated area.

RESPIRATORY PROTECTION: Not required under normal conditions of use. If airborne concentration poses a health hazard or becomes irritating use a NIOSH approved respirator in accordance with OSHA Respirator Protection requirements under 29 CFR 1910.134.

SKIN PROTECTION: Wear clothing suitable to prevent skin contact. Use rubber gloves.

EYE PROTECTION: Safety glasses with side shields.

9. Physical and Chemical Properties

PHYSICAL FORM:	Transparent; medium viscosity
ODOR:	Product specific
FLASH POINT:	>350 °F (175 °C)
IGNITION TEMPERATURE:	>570 °F (300 °C)
VISCOSITY, DYNAMIC:	1500 ± 1000 mPa's
VAPOR PRESSURE:	0.0001 hPa
BOILING POINT:	NA
SOLUBILITY IN WATER:	Insoluble
DENSITY:	1.05 g/ml

Material Safety Data Sheet (ANSI Z400.1-2004)
Version 1 (US) Issued: November 14, 2008

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10. Stability and Reactivity

CHEMICAL STABILITY: Stable

HAZARDOUS DECOMPOSITION PRODUCTS : Carbon monoxide, carbon dioxide, and phenol.

POLYMERIZATION: May occur if heated.

INCOMPATIBILITIES: To avoid thermal decomposition, protect from direct sun exposure and heat. Avoid oxidizing agents, amines, acids and bases.

11. Toxicological Information

See also Section 2 – Hazards Identification

Acute oral toxicity: LD50 / rat: > 2000 mg/kg.

Acute skin toxicity: LD50 / rabbit: > 2000 mg/kg

Rabbit, 24 h, FDA 1959 Draize, occlusive: slightly irritating

There are indications of a sensitizing effect of the substance in man.

Rat, inhalation, 3w, 0.5 mg/l, tested in a saturated atmosphere: NOAEL 0.5 mg/l

Rat, oral, 49d, 0, 30, 100, 300, 1000 mg/kg: NOAEL 300mg/kg

Positive as well as negative results from in vitro mutagenicity/genotoxicity tests.

No experimental indication of genotoxicity in vivo available.

In summary not mutagenic according to internationally accepted criteria.

12. Ecological Information

Avoid contamination of ground water or waterways.

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

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13. Disposal Considerations

Dispose of in accordance with Federal, State or Local regulations.

14. Transport Information

TDG/DOT SHIPPING NAME: Not regulated

15. Regulatory Information

All components of this product are on TSCA, Canadian DSL and EC EINECS inventories.

SARA Title III:

To the best of our knowledge this product contains **no** toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

Note: Entries under this section cover only those regulations typically addressed in the MSDS generating process, such as, TSCA, and EPCRA/SARA Title III.

16. Other Information

WHMIS LABEL: PROLONGED OR REPEATED CONTACT MAY CAUSE ALLERGIC SKIN REACTION

This MSDS conforms to the American National Standard, ANSI Z400.1-2004

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.