

KRAFFT, S.L. Unipersonal
Carretera de Urnieta, s/n
Apartado 14 - 20140 - Andoain (Gipuzkoa)
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Emergency Telephone Number:
+34 943 410400 (8:00-17:00 h.) (working hours)

SAFETY DATA SHEET

according to regulation (EU) No. 453/2010

1. IDENTIFICATION OF THE PREPARATION

Identification of the preparation: PERMA POXY 4 MINUTE MULTI-METAL STICK
Recommended use: Epoxy resin
Product code 35201, 35202, 35203

2. HAZARDS IDENTIFICATION

Classification and labelling according to Directive 67/548/EEC

Xi



Most Important Hazards: Irritating to eyes and skin. May cause allergic skin reaction.

Classification and labelling according to CLP (EC No.1272/2008)



Classification:

Skin irritation, Category 2
Eye irritation, Category 2A
Skin sensitization, Category 1

Statements of hazard:

Warning
Causes skin irritation
Causes serious eye irritation
May cause allergic skin reaction

Precautions for safe handling:

Keep out of the reach of children
Avoid breathing vapors or mists
Wear suitable gloves and eye/face protection
Wash thoroughly after handling
Contaminated work clothing should not be allowed out of the workplace

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	EC Number	EU Classification 67/548/EEC	CLP Classification EC No.1272/2008
LIMESTONE 1317-65-3	30-60	215-279-6	None	None
TALC 14807-96-6	30-60	238-877-9	None	None
BISPHENOL-A- (EPICHLOROHYDRIN) POLYMER 41638-13-5	10-30	Not determined	Xi: R36/38, R43	Skin Irrit. 2 Eye Irrit. 2A Skin Sens. 1 Aquatic Chronic 3
SILICA, QUARTZ 14808-60-7	0.1-1.0	238-878-4	None	None

4. FIRST-AID MEASURES

General Information:

If you feel unwell, seek medical advice (show the label where possible).

Inhalation:

Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

Skin Contact:

Wash off with soap and water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

Eye Contact:

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion:

If swallowed, do not induce vomiting - seek medical advice.

Protection of first-aiders:

Avoid contact with skin, eyes and clothing.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide (CO₂), Dry chemical, foam

Extinguishing media which must not be used for safety reasons:

None reasonably foreseeable

Special instructions for protection and hygiene:

Thermal decomposition can lead to release of irritating gases and vapours.

Special protective equipment for firefighters:

Use personal protective equipment Avoid contact with skin and eyes

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

For additional information on processing see sections 7, 8 and 11 of this safety data sheet.

Environmental Precautions:

Do not flush into surface water or sanitary sewer system.

Cleanup:

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling precautions:

Avoid contact with the skin and the eyes. Avoid breathing vapors or mists. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage:

Store in cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH; TLV-TWA	German MAK; TWA	UK WEL; TWA	Finnish OEL; HTP
LIMESTONE 1317-65-3	Not listed	Not listed	10 mg/m ³	Not listed
TALC 14807-96-6	2 mg/m ³	Not listed	1 mg/m ³	8h:5mg/m ³
BISPHENOL-A- (EPICHLOROHYDRIN) POLYMER 41638-13-5	Not listed	Not listed	Not listed	Not listed
SILICA, QUARTZ 14808-60-7	0.025 mg/m ³	Not listed	Not listed	Not listed

Ventilation: Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.
Skin: Neoprene or nitrile gloves recommended.
Eyes: Safety glasses
Hygiene Measures: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black
Odor: Slight
pH: Does not apply
Boiling point/range: >260°C (>500°F)
Melting point: Not determined
Flash point: >400°F (204.4°C).
Risk of explosion: None reasonably foreseeable.
Vapor pressure: 0.03 mmHg
Density: 2.8
Solubility in water: Negligible
Partition coefficient (n-octanol/water): Not determined
Vapor density: >1 (Air = 1)
Evaporation Rate: <1 (Butyl acetate = 1)
VOC Content(%): 0

10. STABILITY/REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Heat.
Materials to avoid: Acids, Fluorine
Hazardous decomposition products: Carbon oxides, Ammonia, Nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Component	Weight%	LD50/oral/rat	LD50/dermal/rabbit	LC50/inhalation/rat	IARC Carcinogen
LIMESTONE 1317-65-3	30-60	>5000 mg/kg			
TALC 14807-96-6	30-60				Group 3 Supplement 7, 1987 Monograph 42, 1987
SILICA, QUARTZ 14808-60-7	0.1-1.0	500 mg/kg			Group 1; Monograph 68, 1997

Local Effects

Skin Irritation: May cause skin irritation and/or dermatitis. May cause allergic skin reaction.
Eye Irritation: Irritating, but will not permanently injure eye tissue.
Inhalation: May cause irritation of respiratory tract. Exposure to decomposition products may be a hazard to health.
Ingestion: Irritating to mouth, throat and stomach.
Sensitization: May cause sensitization of susceptible persons by skin contact.
Chronic toxicity: None reasonably foreseeable.

Specific Effects

Carcinogenic effects: None reasonably foreseeable
Mutagenic effects: None reasonably foreseeable.
Reproductive toxicity: None reasonably foreseeable
Target Organ Effects: Eyes, Skin, Respiratory System

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

IATA (Air)

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
UN/ID No: Not applicable

IMDG (Vessel)

Proper shipping name: Not regulated
Hazard Class: Not applicable
UN/ID No: Not applicable
Marine Pollutant: None

ADR/RID

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
UN/ID No: None

15. REGULATORY INFORMATION

This product is classified in accordance with Annex VI to Directive 67/548/EEC

Contains epoxy constituents: See information supplied by the manufacturer.

Indication of Danger: Xi - Irritant

Names of the ingredients given on the warning label:

bisphenol

R -phrase(s):

R36/38 - Irritating to eyes and skin
R43 - May cause sensitization by skin contact

S -phrase(s):

S 2 - Keep out of the reach of children
S24/25 - Avoid contact with skin and eyes
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37 - Wear suitable gloves

16. OTHER INFORMATION

Risk Phrases mentioned in Section 3:

R43 - May cause sensitization by skin contact.
R36/38 - Irritating to eyes and skin.

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