



DUSH BIANCO MASTICI

SAFETY DATA SHEET (SDS / MSDS)

Two-Component Epoxy Adhesive

PART A – Resin Component

Version	1.2	Issue Date	10 March 2021
Product Form	Gel	Pack Size	1.5 kg
Intended Use	Two-component epoxy adhesive - Resin Component	Country of Manufacture	Italy

This Safety Data Sheet contains the current safety, handling and technical information for DUSH Bianco Mastici - Part A.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier	DUSH Bianco Mastici - PART A
Product type	Two-component epoxy adhesive - Resin Component
Recommended use	Component of a two-component epoxy adhesive system for filling and repairing joints and cracks in marble, granite and natural stone and for suitable stone repair applications.
Uses advised against	Uses other than those recommended by DUSH or contrary to the current product technical instructions. Use only as the designated component of the Dush Bianco Mastici system.
Brand	DUSH
Address	Via Roma, 2, Lancenigo di Villorba - 31020, Treviso (TV), Italy
Manufactured/Packed/Imported in India by	Elite Collection INC
Manufacturer / Importer Address	1st Floor, 683, 15th Cross Road, Jeewan Griha Colony, 2nd Phase, J.P. Nagar, Bengaluru - 560078, Karnataka, India
Telephone	Toll Free: 18008910133
E-mail	info@dushproducts.it / info@dushproducts.com
Website	dushproducts.it / dushproducts.com

2. HAZARD IDENTIFICATION

GHS classification	Skin Irritation - Category 2; Eye Irritation - Category 2; Skin Sensitization - Category 1; Hazardous to the aquatic environment, chronic - Category 2.
Signal word	WARNING
Hazard pictogram	 GHS07 – Exclamation  Mark; GHS09 – Environment.
Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P261 Avoid breathing vapours/mist/spray. P273 Avoid release to the environment. P280 Wear protective gloves and eye/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of contents/container in accordance with applicable regulations.
Other hazards	Avoid unnecessary skin and eye contact. Epoxy constituents may cause skin sensitization. Prevent uncured material from entering drains, soil and waterways.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient / component	CAS No.	Concentration
Formulation / mixture	Proprietary	100%

4. FIRST-AID MEASURES

Inhalation	Move the affected person to fresh air and keep at rest. Obtain medical advice if symptoms occur.
Skin contact	Remove contaminated clothing. Wash affected skin thoroughly with soap and plenty of water. If irritation or rash develops, obtain medical advice.
Eye contact	Rinse cautiously with clean water for several minutes while keeping eyelids open. Remove contact lenses if present and easy to remove. Continue rinsing. Obtain medical attention if irritation persists.
Ingestion	Do not induce vomiting. Rinse mouth and obtain medical advice. Show the product label or this SDS where possible.
Most important symptoms	Skin irritation, serious eye irritation and allergic skin reaction may occur.
Immediate medical attention	Treat symptomatically. Seek prompt medical attention for significant exposure or persistent symptoms.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, carbon dioxide, dry chemical or suitable foam, selected according to the surrounding fire.
Unsuitable media	No specific restriction identified for normal firefighting conditions.
Specific hazards	Heating or burning may generate smoke, carbon oxides and other irritating or harmful decomposition products.
Protective equipment	Use appropriate protective equipment and self-contained breathing apparatus where necessary.
Environmental precaution	Prevent contaminated firefighting water from entering drains, soil or watercourses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear suitable PPE. Keep unnecessary and unprotected people away. Avoid skin and eye contact and unnecessary inhalation of vapours, mist or spray.
Environmental precautions	Prevent uncured material from entering soil, drains, surface water and waterways.
Containment and clean-up	Contain with suitable inert absorbent material. Collect contaminated material into appropriate labelled containers for authorised disposal. Clean the affected area without uncontrolled discharge to drains.
Reference to other sections	See Sections 8 and 13 for personal protection and disposal guidance.

7. HANDLING AND STORAGE

Safe handling	Avoid contact with skin and eyes. Avoid breathing vapours, mist or spray. Do not eat, drink or smoke while handling. Provide adequate ventilation. Keep containers closed when not in use.
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Storage conditions	Store in a cool, dry and adequately ventilated area. Protect from direct sunlight, excessive heat and contamination. Keep the container tightly closed when not in use.
Storage condition	Store in a dry, well-ventilated environment. Keep tins tightly closed and protected from direct sunlight and external heat sources.
Shelf life	Best before 12 months when stored in accordance with recommendations.
Specific end use	Use only as the designated component of the Dush Bianco Mastici system and in accordance with the current TDS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls	Provide adequate general ventilation. Use local exhaust where vapours or mist may be generated.
Respiratory protection	Normally control exposure through adequate ventilation. Use suitable respiratory protection where ventilation is inadequate or mist exposure may occur.
Eye / face protection	Safety glasses or goggles with side protection; use face protection where splashing may occur.
Hand protection	Chemical-resistant gloves. Nitrile gloves are recommended where compatible with the formulation and exposure duration.
Skin / body protection	Suitable protective clothing and safety footwear.
Hygiene measures	Wash hands and exposed skin after handling and before eating, drinking or smoking. Remove contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Gel
Appearance	Crystal Clear
Water Solubility	Insoluble in water
Density at 20 °C	Approximately 1.15 g/ml
Application / processing information	Part of a two-component system; mix with Part B at the prescribed ratio.

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal recommended conditions of use and storage.
Chemical stability	Stable under recommended handling and storage conditions.
Possibility of hazardous reactions	No hazardous reactions expected during normal intended use when handled according to this SDS.
Conditions to avoid	Excessive heat, direct sunlight and prolonged exposure to elevated temperatures. Keep containers tightly closed.
Incompatible materials	Avoid contact with strong oxidizing agents, strong acids and strong alkalis.
Hazardous decomposition products	Thermal decomposition or combustion may generate carbon oxides and other irritating decomposition products.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Skin contact, eye contact and inhalation of vapours or mists generated during handling.
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Acute effects	Skin redness or irritation, eye irritation and allergic skin reaction may occur following exposure.
Skin Sensitisation	Skin Sensitization - Category 1 (H317): May cause an allergic skin reaction.
Skin corrosion / irritation	Skin Irritation - Category 2 (H315): Causes skin irritation.
Serious eye damage / irritation	Eye Irritation - Category 2 (H319): Causes serious eye irritation.
Expected symptoms / effects	Skin redness or irritation, eye irritation and allergic skin reaction may occur following exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic life with long lasting effects (Aquatic Chronic 2, H411). Prevent uncontrolled release of uncured component.
Persistence / degradability	Manage uncured material and residues to prevent environmental release.
Bioaccumulation	Handle and dispose of uncured material to minimize environmental exposure.
Mobility in soil	Prevent release of uncured material to soil and waterways.
Other adverse effects	Avoid release of uncured material into drains, soil, surface water or natural waterways.

13. DISPOSAL CONSIDERATIONS

Product disposal	Recover unused materials where practical. Dispose of uncured product and residues through an authorized waste-management facility in accordance with applicable local and national requirements.
Packaging	Dispose of contaminated packaging through an authorized route. Do not reuse contaminated packaging for food or potable water.
Environmental precaution	Do not discharge uncured products into wastewater systems, drains or natural watercourses.

14. TRANSPORT INFORMATION

Transport classification	Regulated as dangerous goods under ADR/RID, IMDG and IATA.
UN number	UN 3082
UN proper shipping name	ADR: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin). IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin), MARINE POLLUTANT. IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin).
Transport hazard class	Class 9 – Miscellaneous dangerous substances and articles
Packing group	III
Environmental hazards	Environmentally hazardous. Marine pollutant: Yes
Special precautions	Miscellaneous dangerous substances and articles. Transport in securely closed, upright containers. Keep packages protected from physical damage and excessive heat.

15. REGULATORY INFORMATION

Hazard communication	Classification, signal word, hazard statements and precautionary statements are given in Section 2.
India	Handle, store, transport and dispose of the product in accordance with applicable Indian workplace-safety, environmental, waste and transport requirements.

Other markets	Users and distributors are responsible for compliance with applicable local requirements in the country where the product is supplied or used.
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16. OTHER INFORMATION

Product information	Two-component epoxy adhesive system intended for marble and natural-stone joint/crack filling and repair.
Product	Dush Bianco Mastici - PART A
System configuration	Part A: Resin component; Part B: Hardener component. Mixing ratio: 100:50 PHR.
Technical information	Component A: gel; crystal clear; density approximately 1.15 g/ml. Mixed system: ice-white gel. Gel time: 15–18 minutes.
Application summary	Mix Part A and Part B in the prescribed ratio and apply according to the current Dush Bianco Mastici TDS. Ensure suitable substrate preparation and adequate ventilation.
Revision	Version 1.2
Issue date	10 March 2021
Emergency contact	Toll Free: 18008910133
Manufacturer contact	Elite Collection INC india@dushproducts.com dushproducts.com



DUSH BIANCO MASTICI

SAFETY DATA SHEET (SDS / MSDS)

Two-Component Epoxy Adhesive

PART B – Hardener Component

Version	1.2	Issue Date	10 March 2021
Product Form	Gel	Pack Size	750 grams
Intended Use	Two-component epoxy adhesive - Hardener Component	Country of Manufacture	Italy

This Safety Data Sheet contains the current safety, handling and technical information for DUSH Bianco Mastici – Part B.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier	DUSH Bianco Mastici - PART B
Product type	Two-component epoxy adhesive - Hardener Component
Recommended use	Component of a two-component epoxy adhesive system for filling and repairing joints and cracks in marble, granite and natural stone and for suitable stone repair applications.
Uses advised against	Uses other than those recommended by DUSH or contrary to the current product technical instructions. Use only as the designated component of the Dush Bianco Mastici system.
Brand	DUSH
Address	Via Roma, 2, Lancenigo di Villorba - 31020, Treviso (TV), Italy
Manufactured/Packed/Imported in India by	Elite Collection INC
Manufacturer / Importer Address	1st Floor, 683, 15th Cross Road, Jeewan Griha Colony, 2nd Phase, J.P. Nagar, Bengaluru - 560078, Karnataka, India

Telephone	Toll Free: 18008910133
E-mail	info@dushproducts.it / info@dushproducts.com
Website	dushproducts.it / dushproducts.com

2. HAZARD IDENTIFICATION

GHS classification	Skin Corrosion - Category 1B; Serious Eye Damage - Category 1; Skin Sensitization - Category 1.
Signal word	DANGER
Hazard pictogram	 GHS05 - Corrosion;  GHS07 - Exclamation Mark.
Hazard statements	H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction.
Precautionary statements	P260 Do not breathe vapours/mist/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing. P310 Immediately call a POISON CENTER/doctor. P501 Dispose of contents/container in accordance with applicable regulations.
Other hazards	Avoid contact with skin and eyes. Prevent uncontrolled release to drains, soil and waterways.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient / component	CAS No.	Concentration
Formulation / mixture	Proprietary	100%

4. FIRST-AID MEASURES

Inhalation	Move the affected person to fresh air and keep at rest. Obtain medical attention if symptoms occur.
Skin contact	Immediately remove contaminated clothing. Rinse affected skin with plenty of water, then wash thoroughly with soap and water. Obtain prompt medical attention for burns, persistent irritation or significant exposure.
Eye contact	Immediately rinse cautiously with clean water for several minutes while keeping eyelids open. Remove contact lenses if present and easy to remove. Continue rinsing and obtain immediate medical attention.
Ingestion	Do not induce vomiting. Rinse mouth. Obtain immediate medical advice and show the product label or this SDS where possible.
Most important symptoms	Severe skin burns, serious eye damage and allergic skin reaction may occur.
Immediate medical attention	Prompt medical evaluation is recommended after eye exposure, significant skin exposure or ingestion. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, carbon dioxide, dry chemical or suitable foam, selected according to the surrounding fire.
Unsuitable media	No specific restriction identified for normal firefighting conditions.

Specific hazards	Heating or burning may generate smoke, carbon oxides and other irritating or harmful decomposition products.
Protective equipment	Use appropriate protective equipment and self-contained breathing apparatus where necessary.
Environmental precaution	Prevent contaminated firefighting water from entering drains, soil or watercourses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear suitable PPE. Keep unnecessary and unprotected people away. Avoid skin and eye contact and unnecessary inhalation of vapours, mist or spray.
Environmental precautions	Prevent uncured material from entering soil, drains, surface water and waterways.
Containment and clean-up	Contain with suitable inert absorbent material. Collect contaminated material into appropriate labelled containers for authorised disposal. Clean the affected area without uncontrolled discharge to drains.
Reference to other sections	See Sections 8 and 13 for personal protection and disposal guidance.

7. HANDLING AND STORAGE

Safe handling	Avoid all unnecessary skin and eye contact. Do not breathe vapours, mist or spray. Do not eat, drink or smoke while handling. Provide adequate ventilation. Use chemical-resistant gloves and eye/face protection. Keep containers tightly closed when not in use.
Storage conditions	Store in a cool, dry and adequately ventilated area. Protect from direct sunlight, excessive heat and contamination. Keep the container tightly closed when not in use.
Storage condition	Store in a dry, well-ventilated environment. Keep tins tightly closed and protected from direct sunlight and external heat sources.
Shelf life	Best before 12 months when stored in accordance with recommendations.
Specific end use	Use only as the designated component of the Dush Bianco Mastici system and in accordance with the current TDS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls	Provide adequate general ventilation. Use local exhaust where vapours or mist may be generated.
Respiratory protection	Normally control exposure through adequate ventilation. Use suitable respiratory protection where ventilation is inadequate or mist exposure may occur.
Eye / face protection	Chemical splash goggles and face protection where splashing may occur.
Hand protection	Chemical-resistant gloves. Nitrile gloves may be used where compatible with the formulation and exposure duration.
Skin / body protection	Suitable protective clothing and safety footwear.
Hygiene measures	Wash hands and exposed skin after handling and before eating, drinking or smoking. Remove contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Gel
Appearance	Clear transparent
Odour	Amine odour

Water Solubility	Slightly soluble
Density at 20 °C	Approximately 1.10 g/ml
Application / processing information	Part of a two-component system; mix with Part A at the prescribed ratio.

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal recommended conditions of use and storage.
Chemical stability	Stable under recommended handling and storage conditions.
Possibility of hazardous reactions	May react exothermically with strong acids or other incompatible reactive materials. Avoid uncontrolled mixing or contamination.
Conditions to avoid	Excessive heat, direct sunlight and prolonged exposure to elevated temperatures. Keep containers tightly closed.
Incompatible materials	Avoid contact with strong oxidizing agents, strong acids and strong alkalis.
Hazardous decomposition products	Thermal decomposition or combustion may generate carbon oxides and other irritating decomposition products.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Skin contact, eye contact, inhalation of vapours or mists and accidental ingestion.
Acute effects	Severe skin burns, serious eye damage and allergic skin reaction may occur following exposure.
Sensitisation	Skin Sensitization - Category 1 (H317): May cause an allergic skin reaction.
Skin corrosion / irritation	Skin Corrosion - Category 1B (H314): Causes severe skin burns and eye damage.
Serious eye damage / irritation	Serious Eye Damage - Category 1 (H318): Causes serious eye damage.
Expected symptoms / effects	Severe skin burns, serious eye damage and allergic skin reaction may occur following exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Prevent uncontrolled release of uncured components to the environment.
Persistence / degradability	Manage uncured material and residues to prevent environmental release.
Bioaccumulation	Handle and dispose of uncured material to minimize environmental exposure.
Mobility in soil	Prevent release of uncured material to soil and waterways.
Other adverse effects	Avoid release of uncured material into drains, soil, surface water or natural waterways.

13. DISPOSAL CONSIDERATIONS

Product disposal	Recover unused material where practical. Dispose of uncured product and residues through an authorised waste- management facility in accordance with applicable local and national requirements.
Packaging	Dispose of contaminated packaging through an authorised route. Do not reuse contaminated packaging for food or potable water.
Environmental precaution	Do not discharge uncured products into wastewater systems, drains or natural watercourses.

14. TRANSPORT INFORMATION

Transport classification	Regulated as dangerous goods under ADR/RID, IMDG and IATA.
UN number	UN 1719
UN proper shipping name	CAUSTIC ALKALI LIQUID, N.O.S. (amine curing agent).
Transport hazard class	Class 8 – Corrosive substances
Packing group	II
Environmental hazards	Marine pollutant: No.
Special precautions	Warning: Corrosive substances. Transport in securely closed, upright original containers suitable for corrosive material. Keep packages protected from physical damage and excessive heat.

15. REGULATORY INFORMATION

Hazard communication	Classification, signal word, hazard statements and precautionary statements are given in Section 2.
India	Handle, store, transport and dispose of the product in accordance with applicable Indian workplace-safety, environmental, waste and transport requirements.
Other markets	Users and distributors are responsible for compliance with applicable local requirements in the country where the product is supplied or used.

16. OTHER INFORMATION

Product information	Two-component epoxy adhesive system intended for marble and natural-stone joint/crack filling and repair.
Product	Dush Bianco Mastici – PART B
System configuration	Part A: Resin component; Part B: Hardener component. Mixing ratio: 100:50 PHR.
Technical information	Component B: gel; density approximately 1.10 g/ml. Mixed system: ice-white gel. Gel time of mixed system: 15–18 minutes.
Application summary	Mix Part A and Part B in the prescribed ratio and apply according to the current Dush Bianco Mastici TDS. Ensure suitable substrate preparation and adequate ventilation.
Revision	Version 1.2
Issue date	10 March 2021
Emergency contact	Toll Free: 18008910133
Manufacturer contact	Elite Collection INC india@dushproducts.com dushproducts.com

General statement: The information in this Safety Data Sheet is provided for safe handling, storage, transport and use of the product under normal conditions. Users should follow the product Technical Data Sheet and applicable workplace and environmental requirements.