

SAFETY DATA SHEET

According to directive 1907/2006 / EC, 2015/830

Edition: March 2016

Trade name: FIXIT®, FIXIT® Sculpt - (Parts A and B and combined A + B; all colors and versions)

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SECTION 1. Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier

Product name: FIXIT®, FIXIT® Sculpt - (Parts A and B and combined A + B; all colors and versions)

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

Use of the Substance/Mixture: Sculpting and repair compound

Product Description:

Two part system. Part A contains base material, resin, and colorant (if any). Part B contains the base material and the catalyst. Part A and B are designed to be mixed together 50:50 by weight. Cured FIXIT® is a very hard & durable material designed to be permanent. Finished product will accept tooling and most paints and finishes.

1.3 Details of the supplier of the safety data sheet

Responsible distributor: ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number:

Emergency telephone number: Only for professional rescuers in case of emergencies.
For Belgium: Poison Center: 070 / 245.245
NHS Direct England or Wales: +44 0845 4647
NHS 24 Scotland (UK only): +44 08454 242424

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive (EC) No. 1272/2008 and its amendments.

According to the Globally Harmonized Standard for Classification and Labeling (GHS), this product is considered hazardous based on crystalline silica content.

Skin Irritation - Skin sensitizer - Category 1B

Eye Irritation - Category 2

2.2 Label elements

Labeling according to regulation (EC) No 1272/2008 [CLP / GHS]: not applicable.



Hazard pictograms:

Warning:

May cause an allergic skin reaction and eye irritation.

Hazard statements:

H317 - May cause an allergic skin reaction.

H320 - Causes eye irritation.

Precautionary Statements:

P101 – If medical advice is needed, we have product container or label at hand.

P102 – Keep out of reach of children.

P103 – Read label before use.

Prevention:

P261 – Avoid breathing dust.

P280 - Wear protective gloves when combining parts A and B together.

Wear dust mask when sanding the cured product.

Response:

P302+P352 – If on skin: wash with plenty of water.

P333+P313 – If skin irritation or rash occurs: Get medical advice / attention.

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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.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: not applicable.

There is no additional information.

SECTION 3. Composition/information on ingredients

3.2 Mixture

Applicable to parts A and B when combined into final product

Component	wt %	CAS registry number
Talc	40 - 90	14807-96-6
Aluminum salts	1 - 3	Mixed
Magnesium salts	0 - 2	Mixed
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	25 - 50	025085-99-8
Chlorite Group Minerals	0 - 2	1318-59-8
Titanium Dioxide (*)	0 - 10	13463-67-7
Carbon Black (*)	0 - 2	1333-86-4
Blend of Oils	0.5 - 4	Mixed
Aluminum*	0 - 20	7429-90-5
Crystalline silica (**)	0 - 0.8	14808-60-7
Iron Oxides (*)	0 - 5	Mixed
Copper (*)	0 - 20	7440-50-8
Tin (*)	0 - 10	7440-31-5
Triethylenetetraamine	1 - 2	112-24-3

* This SDS covers available product colors. These are potential colorants/colorant additives that can be in the product depending on the color.

** Exists as an inconsequential trace element in some ingredients.

SECTION 4. First aid measures:

4.1 Description of first aid measures

INHALATION:

Only a significant route of exposure when cured product is sanded. If the victim has difficulty breathing, move them to fresh air and keep at rest. If problem persists or worsens, seek medical attention.

EYE CONTACT:

Remove contact lens (if present). Rinse eyes immediately with plenty of clean water for at least 15 minutes. If necessary, gently hold the eyelid open during the flush. If eye irritation persists, seek medical attention.

SKIN CONTACT:

Uncured product components may cause skin irritation and sensitization especially in persons with pre-existing skin allergies. After handling, wash hands with soap and water. Remove and launder any contaminated clothing. If irritation persists or other symptoms occur, seek medical attention.

INGESTION:

Not a significant route of exposure. If ingested, do not induce vomiting. If discomfort or other symptoms persist, seek medical attention showing label and SDS.

4.2 Most important symptoms and effects, both acute and delayed

No significant risk is expected under normal conditions of use. The FIXIT® two part system as designed in the quantities provided is safe for normal use by adults. Not intended for use by children.

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4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Water fog or fine spray; dry chemical fire extinguishers; carbon dioxide fire extinguishers; foam; alcohol resistant foams (ATC type).

Unsuitable extinguishing media: None.

5.2 Special hazards arising from the substance or mixture

Unused uncured A+B are nonflammable and non-combustible under criteria provided in U.S. DOT 49 CFR173.124 & Appendix E. Packaging is combustible but is not a significant fire hazard.

FURTHER INFORMATION:

During a fire, smoke may contain the original material in addition to combustion products which might be more irritating.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide, carbon dioxide, oxides of nitrogen, and organics such as aldehydes and amines depending on the heat of the fire.

5.3 Advice for firefighters

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. For small outdoor fires, which may be easily extinguished with a portable fire extinguisher, use of protective equipment is generally unnecessary.

SECTION 6. Accidental release measures

Applicable to Parts A or B or cured FIXIT[®].

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Evacuate unnecessary personnel. Use the required personal protective equipment. Avoid dust formation.

6.2 Environmental precautions

Avoid infiltration and / or spillage in drains, water surface, in groundwater

6.3 Methods and material for containment and cleaning up

LAND SPILL RESPONSE:

Material is a solid. Scrape, shovel, or otherwise gather up the material. Dispose as a solid waste. Waste is not hazardous unless mixed with hazardous material(s).

WATER SPILL:

Unreacted parts A and B have a putty-like consistency with limited water solubility. They have limited solubility in water. If unused product and or final material is spilled into a water body it is expected to sink to the bottom and appear as stone/rock in the water body. Accidental spill size is not expected to be a response concern.

RECOMMENDED DISPOSAL:

Not a U.S. Environmental Protection Agency RCRA hazardous waste unless mixed with something that would render it hazardous.

6.4 Reference to other sections

For information on safe handling, see section 7. For personal protective equipment to be used, see section 8. For disposal after cleaning, see section 13.

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SECTION 7. Handling and storage

7.1 Precautions for safe handling

HYGIENE MEASURES

Use in accordance with good industrial hygiene and safety. Do not eat, drink or smoke during use. Wash your hands and other exposed areas of skin with mild soap and water before eating or drinking and leaving work. Contaminated work clothing must not be left outside the workshop.

7.2 Conditions for safe storage, including any incompatibilities

STORAGE TEMPERATURE:

Ambient

STORAGE PRESSURE:

Atmospheric

GENERAL:

Store in original sealed package at ambient temperature (below 120°F/49°C) in a dry location. Keep containers sealed. Store out of direct sunlight, in a dry location. Protect package against physical damage. Product is freeze-thaw stable.

7.3 Specific end use(s)

No further information available.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

NOTE: This information is a composite of Parts A and B which are designed to be combined.

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

EXPOSURE LIMITS 8 hrs TWA (ppm)

Component	OSHA PEL	ACGIH TLV	Australian Std	NIOSH REL
Talc	20 mppcf	2mg/m ³ Respir.	2.5mg/m ³	2mg/m ³ Respir.
Triethylene tetraamine	None established	None established	None established	None established
Tin (*)	0.2mg/m ³	2mg/m ³	1.0mg/m ³	1.0mg/m ³
Copper (*)	0.2mg/m ³	2mg/m ³	1.0mg/m ³	1.0mg/m ³
Blend of oils	None established	5mg/m ³	5mg/m ³	None established
Crystalline silica (**)	0.1mg/m ³	0.1mg/m ³	0.1mg/m ³	0.05mg/m ³
Titanium dioxide (*)	15mg/m ³ Total	1mg/m ³	10mg/m ³	None established
Carbon black (*)	3.5mg/m ³	3mg/m ³	3mg/m ³	3.5mg/m ³
Aluminum (*)	15mg/m ³ Total 5mg/m ³ Respir.	15mg/m ³ Total	10mg/m ³	None established
Iron oxides (*)	10mg/m ³	5mg/m ³	None established	5mg/m ³

* This SDS covers available product colors. These are potential colorants/colorant additives than can be in the product depending on the color.

**Exists as a trace element in one of the ingredients

8.2 Exposure controls

Personal protection measures, such as personal protective equipment

In all situations when handling the product, the user must use appropriate individual protective equipment as indicated below:

Eyes / face protection:

Wear safety goggles in case of dust dispersion.

Hand protection:

Wear protective gloves (nitrile or equivalent), when mixing parts A and B together.

Body protection:

In case of skin sensitization, use protective gloves, wear suitable long-sleeved work clothes.

Respiratory protection:

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If dust is generated during use, use a filter mask of the type P1 or FFP1.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Vapor Pressure:	Not Applicable
Vapor Density:	Not Applicable
Specific Gravity:	Cured: 1.7 [water=1]
Evaporation Rate:	Not Applicable
Solubility in Water:	Negligible for Parts A & B; Cured FIXIT [®] is insoluble
Freezing Point:	Freeze/Thaw Stable
Odor:	Part A or B slight; cured no odor.
pH:	Cured A+B pH neutral
Appearance:	Depends on the color selected
Boiling Point:	Not Applicable
Physical State:	Solid
Viscosity:	Putty-like
Flammable Range:	Not Applicable

9.2 Other information

No further relevant information available.

SECTION 10. Stability and reactivity

10.1 Reactivity

No dangerous reactions known under normal conditions of use

10.2 Chemical stability

Material is stable after parts A and B are combined.

10.3 Possibility of hazardous reactions

None under normal circumstances.

10.4 Conditions to avoid

Avoid combining parts A and B with any materials other than themselves according to manufacturer's instructions.

10.5 Incompatible materials

Avoid contact with strong acids or bases and temperatures greater than 572°F/300°C.

10.6 Hazardous decomposition products

Carbon dioxide, carbon monoxide, oxides of nitrogen and organics depending on nature of decomposition.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

TOXICITY TO ANIMALS:

Component	Acute Test	Value	Species
Epoxy resin	Oral LD50	>15,000 mg/kg	Rat
Epoxy resin	Dermal LD50	23,000 mg/kg	Rabbit
Talc	Oral	LD50 >5000 mg/kg	Rat
Talc	Dermal	animals developed skin dryness	Rabbit
Triethylenetetraamine	Oral LD50	>5000 mg/kg	Rat
Triethylenetetraamine	Dermal LD50	>5000 mg/kg	Rabbit

ROUTES OF ENTRY:

Skin contact and eye contact; respiratory contact as a dust; ingestion as a solid.

CHRONIC EFFECTS ON HUMANS:

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Except for potential skin sensitization, repeated exposures to the uncured resins are not anticipated to cause any significant adverse effects. Wearing gloves while blending parts A & B will greatly reduce risk of sensitization.

Eyes:

Eye contact with the uncured components may cause irritation in susceptible individuals.

Skin:

Uncured component contact with the skin may cause allergic reaction in susceptible individuals. Contact with the skin may cause mild irritation, redness, and discomfort which is transient.

Ingestion:

Hazard presented by ingestion is expected to be physical blockage rather than gastrointestinal problems particularly in the case of the cured product.

Inhalation:

The two parts are physically solids and are not sufficiently volatile to produce a significant vapor inhalation hazard. Sanding the cured resin is expected to create some respirable dust. Wear a dust mask to control exposure if sanding.

SECTION 12. Ecological information

12.1 Toxicity

Toxicity: None under normal conditions of use.
The product poses no environmental problems

Aquatic toxicity No further information available.

12.2 Persistence and degradability

Cured product is stable and does not biodegrade in air or water.

12.3 Bioaccumulative potential

No further information available.

12.4 Mobility in soil

Cured product is not soluble in water.

12.5 Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects

No further information available.s

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Disposal should be done in a safe manner, in accordance with procedures laid down in national / regional laws. Avoid spreading the product into the environment.

When completely empty, the containers are recyclable like any other packaging and must be disposed of in accordance with local administrative regulations.

Waste must be separated according to categories that can be treated separately from local or national waste management facilities. Consult the relevant national or regional requirements.

SECTION 14. Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

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Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. Regulatory information

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

The mixture is classified as not hazardous according to Regulation (EC) No. 1272/2008 (CLP).

Regulation 649/2012 / EU on the export and import of dangerous chemicals (PICs) not listed.

Regulation 1005/2009 / EU on substances that deplete the ozone layer - not listed.

Regulation 850/2004 / EC on persistent organic pollutants (POPs) - not listed.

Restriction Annex XVII - not listed.

Restriction under REACH, Title VIII - not listed

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16. Other information

The data and information contained in this sheet are the result of the knowledge available at the date of publication. The company is not liable for damage to persons or property that may result from the use of the substance other than for which it is intended. The card does not replace, but integrates the texts or rules governing the user's activity. The user is fully responsible for the precautions necessary to use the product.

Relevant phrases (code and full text as indicated in chapters 2 and 3)

H317 - May cause an allergic skin reaction.

H320 - Causes eye irritation.

Disclaimer of liability

The information on this sheet corresponds to our knowledge at the time of going to print. This information is intended to provide you with information about the safe use of the product identified on the safety data sheet for storage, handling, transportation and disposal. The indications have no value for other products. If the product is mixed with other materials or processed, the information in the safety data sheet is indicative of the new material only.