

Data sheet

Drycoat Thixo

Powder thickener

PRODUCT	Drycoat Thixo is a thickener in powder form.
USAGES	It is used to obtain thixotropic properties of PMMA-based Drycoat products, to allow the coating of vertical surfaces.
PREPARATION	Drycoat Thixo is added to the PMMA resin base, mixing in order to obtain a homogeneous mixture. Thixotropy occurs after a few minutes. Then the Drycoat catalyst is added according to the PMMA product information.
DOSAGE	Use between 2 and 4% by weight, with respect to the resin base.
PACKAGES	Bags of 1 or 5 kg.
STORAGE	Keep in a cool, dry, frost-free place. Store in sealed packages max. 12 months. Direct solar radiation from its packaging should be avoided, even on the construction site.



Powder thickener

Safety data sheet

Drycoat Thixo

Powder thickener

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

1.1 PRODUCT IDENTIFIER	Commercial Product Name:	Drycoat Thixo
1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST	Relevant identified uses	Agente addensante
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET	Company:	Drytech International SA via Industrie 12 CH-6930 Bedano TI SVIZZERA
	T	+41 (0)91 960 23 49
	@	info@drytechinternational.com
1.4 EMERGENCY TELEPHONE NUMBER	Switzerland: 145 From abroad: +41 44 251 51	

2. HAZARDS IDENTIFICATION

2.1 SUBSTANCE OR MIXTURE CLASSIFICATION	Classification according to Regulation (EC) No. 1272/2008	The product is not classified as dangerous according to directive (EC) n. 1272/2008 [CLP].
2.2 LABEL ELEMENTS		Pursuant to regulation (EC) No. 1272/2008 [CLP], the product does not need to be labeled.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 SUBSTANCES	Chemical characterization	Highly dispersed, amorphous silicon dioxide
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4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES	General advice:	Move away from the danger area. Immediately take off all contaminated clothing. Do not abandon the victim without assistance. Show this safety data sheet to the attending physician.
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Safety data sheet

Drycoat Thixo

Powder thickener

<i>Inhalation:</i>	If you feel unwell, consult your doctor (if possible, show him the label).
<i>Skin:</i>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs, get medical advice/attention.
<i>Eyes</i>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<i>Ingestion:</i>	Rinse mouth DO NOT induce vomiting Call a doctor immediately.

5. FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA	<i>Suitable extinguishing media</i>	carbon dioxide (CO ₂), foam, water spray, dry powder.
	<i>Extinguishing media which must not be used for safety reasons:</i>	High volume water jet.
5.3 ADVICE FOR FIREFIGHTERS	<i>Special protective equipment for firefighting:</i>	In the event of fire, wear self-contained breathing apparatus
	<i>Additional information on firefighting</i>	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	<i>Personal precautions:</i>	Evitare la formazione di polvere. Usare i dispositivi di protezione individuali.
6.2 ENVIRONMENTAL PRECAUTIONS	<i>Environmental precautions:</i>	Do not discharge the flushing stream into surface water or sanitary sewage systems.
6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP	<i>Methods for cleaning up:</i>	Avoid the formation of dust. Use mechanical handling equipment. Thoroughly clean the contaminated surface. Eliminate in compliance with current legislation.

Safety data sheet

Drycoat Thixo

Powder thickener

6.5 ADDITIONAL INFORMATION

Treat recovered material as described in the section "Disposal considerations".

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Advice on safe handling:

Avoid the formation of dust. Wear protective clothing. Open and handle the container with care. Avoid contact with skin and eyes.

Precautions:

Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Observe label precautions.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage space and container requirements

Keep in properly labeled containers. Close open containers carefully and store them upright to avoid spillage.

Storage indications:

Keep in a dry place.

TRGS 510

3

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

The product does not contain relevant quantities of substances whose limit values have to be monitored at the workplace.

8.2 EXPOSURE CONTROLS

Respiratory protection

Use the indicated respiratory protection if the occupational exposure limit is exceeded and / or in case of product release (dust). Nose-mouth mask equipped with microporous filter P2 (European Standard 143).

Hand protection

Protective gloves according to EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Please also take into consideration the specific local conditions in which the product is used, such as the danger of cuts, abrasion and the duration of contact.

Suitable material:

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Safety data sheet

Drycoat Thixo

Powder thickener

<i>Unsuitable material:</i>	Woven fabric, Leather gloves.
<i>Eye protection:</i>	Tightly fitting safety goggles
<i>Skin and body protection:</i>	Wear suitable protective equipment. Long sleeved clothing
<i>General protective and hygiene measures</i>	Do not breathe the dust. Avoid contact with skin and eyes. Keep away from food, drink and pet food. Wash hands before breaks and at the end of the working day. Use a protection cream before handling the product.
	General informations Alveolar dust fraction 1.25 mg / m ³ respirable dust fraction 10 mg / m ³ 2 (II)
<i>Engineering measures</i>	Adequate ventilation and suction must be provided in the area of the machinery and wherever dust may form.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<i>*Physical state:</i>	solid
<i>Form:</i>	Powder
<i>Color:</i>	White
<i>Odour:</i>	Odorless
<i>Odour threshold:</i>	Specific of the product
<i>pH:</i>	3,6 - 4,5
<i>Melting point [°C] / Freezing point [°C]:</i>	circa 1700 °C
<i>Boiling point [°C]:</i>	circa 2230 °C
<i>Initial boiling point [°C] e intervallo di ebollizione [°C]:</i>	Not applicable
<i>Evaporation rate [kg/(s*m²):</i>	Not applicable
<i>Explosion limits [Vol-%]:</i>	Not applicable
<i>Vapour pressure [kPa]:</i>	Not applicable
<i>Vapour density:</i>	Not applicable
<i>Density [g/cm³):</i>	circa 2,2 g/cm ³
<i>Temperature:</i>	20 °C
<i>Water solubility [g/l]:</i>	
<i>Remarks:</i>	Insoluble
<i>Coefficiente di distribuzione (n-octanolo/ acqua) (log P O/W)</i>	Not determined
<i>Temperature di autoaccensione [°C]:</i>	Not determined
<i>Dynamic viscosity [kg/(m*s):</i>	Not applicable
<i>Oxidising properties:</i>	Not determined

Safety data sheet

Drycoat Thixo

Powder thickener

10. STABILITY AND REACTIVITY

10.4 CONDITIONS TO AVOID None under normal processing.

11. TOXICOLOGICAL INFORMATION

11.2 ADDITIONAL INFORMATION	Experience in practice	May cause sensitization by inhalation.
	Particular indications (capitolo 11.)	No toxicological information is available.

12. ECOLOGICAL INFORMATION

12.6. OTHER EFFECTS ADVERSE	Further information on ecology	We have no quantitative data concerning the ecological effects of this product.
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13. CONSIDERATIONS ON DISPOSAL

13.1 Waste treatment methods	Disposal considerations:	According to the European waste catalog, waste codes are not specific to the product, but specific to the placement. The waste codes indicated below are suggestions only.
	Uncleaned empty packaging:	--

14. TRANSPORT INFORMATION

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.2 DESCRIPTION OF THE GOODS	Not applicable	Not applicable	Not applicable
14.2 UN PROPER SHIPPING NAME		Non dangerous good	Non dangerous good
14.3 TRANSPORT HAZARD CLASSES	Not applicable	Not applicable	Not applicable
14.4 PACKAGING GROUP	Not applicable	Not applicable	Not applicable
14.5 ENVIRONMENTAL HAZARDS	Not applicable	Not applicable	Not applicable

Safety data sheet

Drycoat Thixo

Powder thickener

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE		Not relevant
	HS-Code:	25051000

15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE	Additional regulations:	Furthermore, national laws must be considered!
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16. OTHER INFORMATION

Department issuing safety data sheet:	Environmental Department
Further information:	Full text of H-phrases referred to in Chapters 2 and 3

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.