

MATERIAL SAFETY DATA SHEET

(According to Regulation 453/2010/EC (REACH) and EC/1272/2008 (CLP))

TALC

PROLAT
D I M O P O U L O S



Revision No.4

Revision Date: 1/2014

Section 1: INFORMATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT IDENTIFIER: TALC
PRODUCT USES: FUNCTIONAL MINERAL

IDENTIFICATION OF THE COMPANY: PROLAT
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Section 2: COMPOSITION/CHEMICAL ANALYSIS/ INFORMATION ON INGREDIENTS

COMPOSITION NATURAL, TALC IN A POWDER FORM 100% P.W. (CAS-NO. 14807-96-6, EINECS-NO. 238-877-9)

CHEMICAL ANALYSIS SiO₂ 62,5 % CaO 0,15 %
MgO 31,6 % TiO₂ <0,01 %
Al₂O₃ 0,15 %
Fe₂O₃ 0,10 %

MINERALOGY TALC >98,0 % , CHLORITE <1,5 % , CALCITE TRACE,
QUARTZ TRACE, ASBESTOS NOT DETECTED

HAZARDOUS INGREDIENTS REACH NON HAZARDOUS
EXCEPTION FROM REACH (PRE)-REGISTRATION AS A
NATURAL PROCESSED INDUSTRIAL MINERAL,
ACCORDING TO ANNEX IV AND V OF REACH
REGULATION

Section 3: HAZARDS IDENTIFICATION

BASED ON THE AVAILABLE DATA ON NATURAL TALC REPRESENTS NEITHER A HAZARD TO MAN NOR A HAZARD TO THE ENVIRONMENT ACCORDING TO EC/1272/2008 (CLP)

Section 4: FIRST AID MEASURES

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EYE CONTACT:	NO SPECIAL MEASURE. RINSE WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE IF NECESSARY
SKIN CONTACT:	NO SPECIAL MEASURE
INHALATION:	NO SPECIAL MEASURE
INGESTION:	NO SPECIAL FIRST AID MEASURE

Section 5: FIRE-FIGHTING MEASURES

NON-FLAMMABLE SUBSTANCE, NON EXPLOSIVE. NO HAZARDOUS RELEASES IN CASE OF FIRE.

Section 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	IN CASE OF EXPOSURE TO PROLONGED OR HIGH LEVEL OF AIRBORNE DUST, WEAR A PERSONAL RESPIRATOR IN COMPLIANCE WITH NATIONAL LEGISLATION
ENVIRONMENTAL PRECAUTIONS:	NO SPECIAL REQUIREMENT
METHODS FOR CLEANING UP:	AVOID DRY SWEEPING AND USE WATER SPRAYING OR VENTILATED VACUUM SYSTEM TO PREVENT DUST FORMATION

Section 7: HANDLING AND STORAGE

HANDLING	THE USUAL PRECAUTIONS FOR THE HANDLING WITH CHEMICALS SHOULD BE OBSERVED. AVOID DUST FORMATION. PROVIDE APPROPRIATE EXHAUST VENTILATION AT PLACES WHERE DUST IS FORMED. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT
STORAGE	NO SPECIFIC REQUIREMENTS. PROVIDE APPROPRIATE VENTILATION AND STORE IN TIGHTLY CLOSED CONTAINERS. DO NOT STORE WITH ACIDS
SPECIFIC USE(S)	NO SPECIAL TECHNICAL MEASURES OR PRECAUTIONS. APPLY ABOVE HANDLING ADVICE WHEN MIXING WITH OTHER SUBSTANCES

Section 8: EXPOSURE CONTROL/ PERSONAL PROTECTION

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EXPOSURE CONTROL LIMITS:	10 MG/M ³ TOTAL DUST (USA)
ACGIH TLV:	4 MG/M ³ RESPIRABLE DUST (UK)
OEL (8 HRS):	6 MG/M ³ (GERMANY)
TOTAL FINE DUST:	0.05 MG/M ₃ (ITALY)
OEL (RESPIRABLE CRYSTALLINE SILICA)	0.40 MG/M ₃ (IRELAND)
RESPIRATORY PROTECTION:	WEAR DUST MASK IN CASE OF PROLONGED EXPOSURE IN COMPLIANCE WITH NATIONAL LEGISLATION
HAND PROTECTION:	WASH HANDS BEFORE BREAKS AND AT THE END OF THE WORKDAY
EYE PROTECTION:	WEAR PROTECTIVE GLASSES IF NEEDED. WASH WITH WATER IN CASE OF IRRITATION
SKIN PROTECTION:	REMOVE AND WASH SPOILED CLOTHING
ENVIRONMENTAL EXPOSURE CONTROLS:	PROVIDE APPROPRIATE EXHAUST VENTILATION AT THE PLACES WHERE DUST CAN BE GENERATED

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION	METHOD
FORM	POWDER
COLOUR	WHITE
ODOUR	ODOURLESS

IMPORTANT HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

PH-VALUE	8.5 - 9.5 (100 G/L / 20 °C) DIN-ISO 787/9
BOILING POINT	NOT APPLICABLE
FLASH POINT	NOT APPLICABLE
FLAMMABILITY	NON-FLAMMABLE
AUTOFLAMMABILITY	NO SELF-IGNITION
EXPLOSIVE PROPERTIES	NOT EXPLOSIVE
VAPOUR PRESSURE	NEGLIGIBLE
DENSITY	2.9 (20 °C) DIN-ISO 787/10
ACCID INSOLUBLE	99,1%

Section 10: STABILITY AND REACTIVITY

CONDITIONS TO AVOID	NONE RECOMMENDED
MATERIALS TO AVOID	AVOID CONTACT WITH ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS	-
FURTHER INFORMATION	NONE

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Section 11: TOXICOLOGICAL INFORMATION

NON TOXIC – NO INFORMATION PROVIDED

Section 12: ECOLOGICAL INFORMATION

NOT A THREAT FOR THE ENVIRONMENT –NO INFORMATION PROVIDED

Section 13: DISPOSAL CONSIDARATION

DISPOSAL IN A LICENSED LANDFILL SITE IS POSSIBLE. FOR DISPOSAL RECOMMENDATION CONSULT MANUFACTURER.

Section 14: TRANSPORT INFORMATION

GGVSee/IMDG CODE	---
GGVE/GGVS	---
UN No.	---
RID/ADR	---
ICAO/IATA-DGR	NOT RESTRICTED UNDER THESE REGULATIONS
ADNR	---

Section 15: REGULATORY INFORMATION

R-PHRASES:	NONE
S-PHRASES:	NONE

Section 16: OTHER INFORMATION- REGISTRATION STATUS

UPON SPECIAL REQUEST REGISTRATIONAL INFORMATION FOR ANY GEOGRAFICAL PLACE CAN BE GIVEN FOR ANY OTHER INFORMATION REGARDING THIS PRODUCT CONTACT DIRECT TO EMAIL: info@prolat.gr

THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS. THE INFORMATION PROVIDED HEREIN IS BASED ON TECHNICAL DATA THAT PROLAT. BELIEVES TO BE RELIABLE, HOWEVER PROLAT. MAKES NO REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS OR ACCURACY THEREOF AND PROLAT. ASSUMES NO LIABILITY RESULTING FROM ITS USE OR FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY. RECIPIENTS RECEIVING THIS INFORMATION MUST EXERCISE THEIR OWN JUDGEMENT AS TO THE APPROPRIATENESS OF ITS USE, AND IT IS THE USER'S RESPONSIBILITY TO ASSESS THE MATERIAL'S SUITABILITY (INCLUDING SAFETY) FOR A PARTICULAR PURPOSE PRIOR TO SUCH USE.