

MATERIAL SAFETY DATA SHEET – MSDS

Prepared in accordance with 91/15/EC and the principles and procedures for preparing Safety Information Form (11/03/2002 – 24692)

Product Definition:

Product Commercial Name : Resin Coated Silica Sand
Product Type and Utilization : Moulding Sand Coated with Novalak Resin
Used for Manufacturing Peel Mould and Spade

Date of Issue : 01.01.2005
Safety Information Form No : MSDS:2005/EN/012
Revision Date and No : 01.01.2005 – rev.00

Firm Definition

Producer : Siltas AS
Address : Alemdag Caddesi, Yanyol Sokak P.O.Box 34692
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Information about Composition / Ingredients

Components	Cas No	Concentration by Weight (%)	OSHA PEL	ACGIH TLV
Phenol				
Formaldehyde type		3 – 10		
Flake novalak				

Hazard Definitions

Eyes : Irritates eyes
Skin : Damages health if contacted skin
Inhalation : Damages health if inhaled
Ingestion : Damages health if ingested

First Aid Measures

If the substance contacts eye, flush with abundant water for at least 15 minutes and consult a physician immediately

If ingested, 1 - 3 glasses of water or milk should be drunk and consult a physician immediately. Never try to throw up.

Those who contact the material or inhale the smoke shall be taken to fresh air.

Immediately remove the cloth contaminated with the material and wash up the points that the substance contacted the skin with abundant water and soap.

Fire Protection Measures

This product is not flammable; however, it may release poisonous gas if it is in a place under fire (CO₂, Co, NO, NO₂, phenol, formaldehyde). Use mask. Use any suitable fire extinguisher.

Risk to arise upon burning : Be careful not to inhale the smoke released.
Protective equipment : Use gas mask

Measures Against Accidental Spread (spillage)

Protection during use: A well ventilated operating environment shall be provided. Avoid inhaling the vapor. Always wear suitable protective work clothes.

Measures relating to the environment: Take care not to let it mix with earth or any water source.

Cleaning methods: No need for special cleaning method. It may be swept. It may be cleaned with vacuum.

Handling and Storing

Avoid contact of skin or eyes with vapor. Take care not to inhale the vapor. Do not eat or drink anything while using. Keep the packaging always closed. Store under a cool and well ventilated environment. Protect from heat source, direct sunlight and humidity. Exposure to heat, over-stowing one up another and humidity may lead to getting lumpy.

Exposure and Personal Protection

Use in areas with well ventilation. Use protective eyeglasses and gloves.

Physical and Chemical characteristics

Appearance : Sand between 60 – 100 AFS range
Melting Point, °C : 90 – 100
Bulk Density, g/cm³ : 1.50 – 1.57
Solubility in Water : Hexamine content dissolves in water.

Stability and Reaction

Conditions to avoid : High heat, humidity.
Dangerous polymerization : Stable under normal conditions. No dangerous polymerization. If exposed to heat, leads to curing.
Dangerous decomposings : CO₂, CO, NO₂, NO, phenol, aromatics

Toxicological Information

Skin Contact : No intoxication in the event of skin contact.
Eye contact : May lead to permanent impact risk on eyes.
Ingestion : Risk of intoxication. Irritates the mucosa.

**siltas SILICA SAND COMPANY**

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Ecologic Information:

Only the hexamine content dissolves in immobile solid state, in water.

It is estimated that the organic content resists against biological decomposition. Intoxicating effect against bacterial, algae and larger sea organisms is not tested.

Disposal

Act in accordance with the directions of regional and national organizations expert on this issue.

Transportation Information:

Item	: Resin Coated Silica Sand
UN No	: N/A
HIN	: N/A
ADR Label	: N/A
ADR Class	: N/A
Classification Code	: Xi

Regulative Information

Hazard Symbol	: Xi; R 36/ 37/38
Security Recommendations	: S; 26, 36/37/38

Other Information

You can obtain other technical information required by applying Siltas AS.

Information provided herein are those existing as of the date indicated hereof. They solely define the product and do not guarantee any characteristic. It is the duty of the user to determine the suitability of the information for any particular use.

Contacts

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