MATERIAL SAFETY DATA SHEET (MSDS)

In accordance with EC Regulation No 1907/2006

Review No 1 of 19/03/2015

In accordance with EC Regulation No 1907/2006 (REACH) Article 31, annex II and following amendments.

SECTION 1: Identification of the substance or compound and of the manufacturing company

1.1 Product identification

Product name: Delta SP 80 shore A (part A)

Relevant uses of the substances or compound identified or advised against:

Uses identified: Molding for various items

Uses advised against: Not known

SECTION 2: Identification of hazards

2.1 Classification of the substance or compound:

The product was classified according to the rules in force.

Classification in accordance with the EEC directive No 67/548/EEC or 1999/45/EC modified:

R48/20

Classification according to EC regulation No 1272/2008 modified:

Hazards for health:

Specific toxicity for target organ - Repeated exposure

Category 1 It causes damages to organs in case of prolonged or repeated exposure

Summary of hazards:

Physical hazards: No specific recommendation. Hazards

for health:

Inhalation: Quartz – Capsulated in polymer, this product does not seem to cause hazards for health, is treated in normal use conditions. Though classified according to EC criteria, this product is exempt from labelling, in conformity with article 23 and

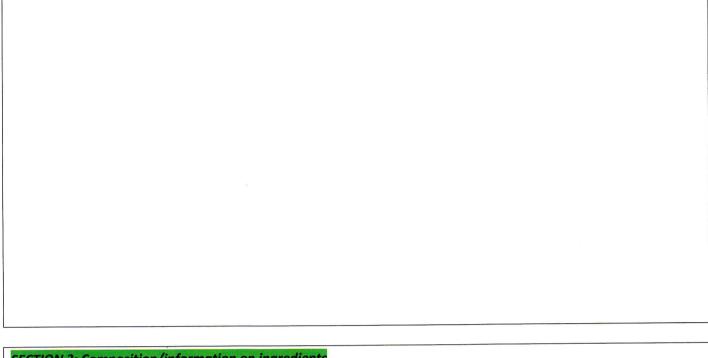
annex 1 (section 1.3.4.1) of directive No 1272/2008.

Contact with the eyes: No specific symptoms have been reported **Contact with the skin:** No specific symptoms have been reported

Ingestion: No specific symptoms have been reported **Other effects on health:** No other information provided.

Hazards for the environment: Not considered harmful for the environment. **2.2 Elements of the label:** Material Safety Data Sheet available on request.

2.3 Other hazards: No data available.



SECTION 3: Composition/information on ingredients

3.2 Compounds:

General information: Mixture of polyorganosiloxanes, charges, additives.

Chemical name of concentration CAS NUMBER – EC Registration Number

REACH

Note

Cristobalite < 20% 14464-46-1 238-455-4 #

Vaseline oil (petroleum) <5% 8042-47-5 #

* All concentrations refer to percentaged weight, except for the case of gas as an ingredient. Gas concentrations are in percentage in volume. #: This substance has limits of exposure specified for the workplace. PBT: persistent, bioaccumulating and toxic substance. vPvB: very persistent and bioaccumulating substance.

Classification:

Chemical name - Classification - Notes

cristobalite DSD: Xn; R48/20

CLP: STOT RE 1;H372

Vaseline oil (petroleum) DSD: Xn; R65

CLP: Asp. Tox. 1;H304 DSD: EEC Directive No 67/548/. CLP: Regulation No 1272/2008.:

The complete texts of all R and H declarations can be read at point 16.

SECTION 4: First-aid measures

General: Contact a doctor in case of symptoms. Place the contaminated garments in sealed container until disposal or decontamination.

4.1 Description of first-aid measures:

Inhalation: Not relevant.

Contact with the eyes: In case of contact with the eyes, rinse immediately with clean water. Keep rinsing for at least 15 minutes.

Contact with the skin: Remove all contaminated garments and shoes. Wash with water and soap.

Ingestion: Do not induce vomiting. Rinse the mouth thoroughly.

4.2 Main symptoms and effects, both acute and delayed: Unknown

4.3 Indication on the possible need to consult a doctor immediately or special treatments: Risks:

No specific recommendation.

Treatment: No specific recommendation.

SECTION 5: Fire-extinguishing measures

General risk of fire: No specific recommendation.

5.1 Extinguishers:

Suitable extinguishers:

To extinguish fires use foam, carbon dioxide or dry dust. Water sprays.

Unsuitable extinguishers: Unknown.

5.2 Special hazards resulting from the substance or compound:

For more information, see § 10: "Stability and reactivity".

5.3 Recommendations for fire brigade:

Special fire-fighting procedures:

Use water sprays to cool containers.

Special protective devices for fire brigade:

In case of fire wear a breathing apparatus and complete protective garments.

SECTION 6: Measures in case of accidental release

6.1 Personal precautions, protection devices and procedures in case of emergency:

Wear personal protection equipment. As for the individual protection equipment, see Section 8 of the MSDS.

6.2 Environmental precautions: Collect the spilled material. Do not discharge in the sewage system, in watercourses or on the soil.

6.3 Methods and materials for containment and remediation:

The containers used to collect the spilled material must be labelled with the correct description of the content and the hazard symbol. Keep the container sealed. Absorb with sand or another inert absorbent. Use a suitable solvent to clean the floor and the contaminated objects (cf. : § 9). Wash the area with lots of water. Incinerate in a suitable combustion chamber.

SECTION 7: Handling and storing:

7.1 Precautions for safe handling:

No particular precaution.

7.2 Conditions for safe storing, including possible incompatibilities:

No special precaution for storing. The material is stable in normal conditions. Avoid contact with oxidising agents. Suitable containers: polyethylene. Steel vat with plastic coating.

7.3 Specific final uses: No specific recommendation.

SECTION 8: Control of exposure/individual protection

8.1 Control parameters:

Threshold Limit values for professional exposure:

Quartz - Capsulated in polymer, this product does not seem to cause hazards for health, is treated in normal use conditions.

Chemical name - Type of threshold limit values for exposure - Source

Vaseline oil (petroleum) - inhalable fraction TWA 5 mg/m3 Threshold limit values for professional exposure (2009) 8.2

Controls of exposure:

Suitable technical controls: No particular precaution.

Individual protection measures, such as individual protection devices:

General information: No particular precaution.

Protection for the eyes/the face:

Safety glasses

Protection of the skin:

Protection of hands: Use protective gloves made of: Nitrile, PVC, rubber or plastic.

Other: No protection of the skin is required in normal use conditions. Take the necessary measures to avoid contact with the skin in conformity with standard procedures of industrial hygiene.

Respiratory protection: No particular precaution.

Hygiene measures: Set up a post for eye washing and a safety shower

Environmental controls: No data available.

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties:

Appearance:

Physical state: Paste Form:

No data available.

Colour: Whitish.

Odour: Odourless

Olfactory threshold: No data available.

pH: Not applicable

Melting point: No data available. **Boiling point:** No data available.

Flammability point: > 200 °C (Sealed container according to the rule ASTM D-56.)

Evaporation speed: No data available.

Flammability (solids, gases): No data available.

Upper flammability limit %-: Lower flammability limit %-: Vapour pressure: < 0.1 hPa (20 °C) Vapour density (air=1): No data available. Relative density: 1.85 (20 °C) Approximate

Solubility:

Solubility in water: Virtually insoluble

Solubility (other): diethyl ether: Mixable (in all proportions)

Chlorinated solvents: Mixable (in all proportions)
Aromatic hydrocarbons: Mixable (in all proportions)
Aliphatic hydrocarbons: Mixable (in all proportions)

Acetone: Soluble but very little. Ethanol: Soluble but very little.

Distribution coefficient (n-octanol/water): No data available. **Self-lighting temperature:** > 400 °C

Decomposition temperature: > 200 °C Viscosity: No data

available.

Explosive properties: No data available.

Oxidising properties: Based on data on components, it is not considered oxidising (assessments based on the structure-activity relation)

SECTION 10: Stability and reactivity

10.1 Reactivity: Not relevant.10.2 Chemical stability: Stable

10.3 Possibility of dangerous reactions: No data available.

10.4 Conditions to avoid: No other information supplied.

10.5 Incompatible materials: Strong oxidising agents.

10.6 Hazardous products of decomposition: Thermal decomposition or combustion can release carbon oxides and other toxic gases and vapours. Amorphous silica.

SECTION 11: Toxicological information

Information on possible ways of exposures

Inhalation: No data available. **Ingestion:** No data available.

Contact with the skin: No data available.
Contact with the eyes: No data available.
11.1 Information on toxicological effects:

Acute toxicity:

Oral:

Product: Not classified as for acute toxicity based on data available.

Cutaneous:

Product: Not classified as for acute toxicity based on data available

Inhalation:

Product: No effects expected (estimate based on the substances contained). Toxicity

with repeated doses:

Product: No effects expected (estimate based on the substances contained). Corrosion/Irritation

of the skin:

Product: No effects expected (estimate based on the substances contained). Serious

damage to the eyes of eye irritation:

Product: No effects expected (estimate based on the substances contained). Sensitization

of the airways or the skin:

Product: No effects expected (estimate based on the substances contained).

Mutagenicity of germ cells:

In vitro:

Product: No effects expected (estimate based on the substances contained). In

vivo:

Product: No effects expected (estimate based on the substances contained).

Carcinogenicity: No effects expected (estimate based on the substances contained).

Product: No data available.

Toxicity for reproduction:

Product: No effects expected (estimate based on the substances contained). Toxicity

for reproduction (fertility): Product: No data available.

Toxicity for development (Teratogenicity):

Product: No data available.

Specific toxicity for target organ – Single exposure:

Product: No effects expected (estimate based on the substances contained). Specific

toxicity for target organ - Repeated exposure:

Product: No effects expected (estimate based on the substances contained) Hazard

from aspiration:

Product: No effects expected (estimate based on the substances contained) Other

adverse effects: Unknown.

SECTION 12: Ecological information

12.1 Toxicity:

Acute toxicity:

Fish:

Product: No effects expected (estimate based on the substances contained) Aquatic

invertebrates:

Product: No effects expected (estimate based on the substances contained)

Chronic toxicity: Fish:

Product: No effects expected (estimate based on the substances contained) Aquatic

invertebrates:

Product: No effects expected (estimate based on the substances contained). Toxicity

for aquatic plants:

Product: No effects expected (estimate based on the substances contained).

12.2 Persistence and degradability: **Biodegradation:** Product:

applicable BOD/COD ratio: Product: No data available.

Substance or substances specified: cristobalite

No data available.

Vaseline oil (petroleum) - No data available.

12.3 Bioaccumulation potential:

Product: No data available.

Substance or substances specified: cristobalite No data available. Vaseline oil (petroleum) - Bioaccumulation is negligible

due to the low solubility of the product in water. 12.4 Mobility in the soil: No data available.

Distribution in environmental areas - either known or estimated: cristobalite

No data available.

Vaseline oil (petroleum) - No data available.

12.5 Results of PBT and vPvB assessment: No data reported

12.6 Other adverse effects: Not known.

SECTION 13: Considerations on disposal

13.1 Waste treatment methods:

General information: We draw the user's attention on the possible existence of local rules on disposal.

Disposal methods: Dispose of waste in a suitable treatment and disposal centre, in conformity with rules and regulations in force and the product features upon disposal. Residues of this material must not be combined with other waste

Contaminated packages must be emptied as much as possible. Dispose of waste in a suitable treatment and disposal centre, in conformity with rules and regulations in force and the product features upon disposal. After cleaning, recycle or eliminate in an authorized centre.

SECTION 14: Information on carriage

This material is not subject to regulations on carriage.

OTHER INFORMATION: Packaging with a tap equipped with a vent for air transport IS FORBIDDEN.

14.7 Transport of materials in bulk according to annex II of MARPOL 73/78 and the IBC code: Not applicable.

SECTION 15: Information on regulation

15.1 Rules and legislation on health, safety, and the environment, specific for the substance or compound: National regulations:

15.2 Evaluation of chemical safety: No data available.

SECTION 16: Other information

Information on review: Not relevant.

Abbreviations of the key or acronyms used: No data available. Key bibliographic references and data sources: No data available.

Formulation of R declarations and indications of hazard in sections 2 and 3:

R304 it may be lethal in case of ingestion and penetration in the airways.

H372 It causes serious damages to organs in case of prolonged or repeated exposure. R48/20 Noxious: danger of serious damage for health in case of prolonged exposure due to

inhalation. R65 Noxious: it may cause damage to the lungs in case of ingestion. Training

information: No data available. State of inventory: AICS: In the inventory or in conformity with the inventory.

DSL: In the inventory or in conformity with the inventory.

MATERIAL SAFETY DATA SHEET (MSDS)

In accordance with EC Regulation No 1907/2006

Review No 1 of 19/03/2015

SECTION 1: Identification of the substance or compound and of the manufacturing company

1.1 Product identification:

Product name: Delta SP 80 shore A (part B)

1.2 Relevant uses of the substances or compound identified or advised against:

Uses identified: Moulding for various items.

Uses advised against: Not known.

SECTION 2: Identification of hazards

2.1 2.1 Classification of the substance or compound:

The product was classified according to the rules in force.

Classification in accordance with the EEC directive No 67/548/EEC or 1999/45/EC modified:

Xn: R48/20

Classification according to EC regulation No 1272/2008 modified:

Hazards for health:

Specific toxicity for target organ - Repeated exposure

Category 1 It causes damages to organs in case of prolonged or repeated exposure

Summary of hazards:

Physical hazards: No specific recommendation.

Hazards for health:

Inhalation: Quartz - Capsulated in polymer, this product does not seem to cause hazards for health, is treated in normal use conditions. Though classified according to EC criteria, this product is exempt from labelling, in conformity with article 23 and annex 1 (section 1.3.4.1) of directive No 1272/2008. Contact with the eyes: No specific symptoms have been reported Contact with the skin: No specific symptoms have been reported Ingestion: No specific symptoms have been reported

Other effects on health: No other information provided.

Hazards for the environment: Not considered harmful for the environment. 2.2 Elements of the label: Material Safety Data Sheet available on request.

2.3 Other hazards: Chemical compounds containing SiH bonds.

SECTION 3: Composition/information on the ingredients

3.2 3.2 Compounds:

General information: Mixture of polyorganosiloxanes, charges, additives. Chemical name of concentration CAS NUMBER – EC Registration Number

REACH Note

Cristobalite <20% 14464-46-1 238-455-4 # Vaseline

oil (petroleum) <5% 8042-47-5 #

* All concentrations refer to percentages and weight, except for the case of gas as an ingredient. Gas concentrations are in percentage in volume. #: This substance has limits of exposure specified for the workplace. PBT: persistent, bioaccumulating and toxic substance. vPvB: very persistent and bioaccumulating substance. Classification:

Chemical name – Classification - Notes cristobalite DSD: Xn; R48/20 CLP: STOT

RE 1;H372

Vaseline oil (petroleum) DSD: Xn; R65

CLP: Asp. Tox. 1;H304 DSD: EEC Directive No 67/548/. CLP: Regulation No 1272/2008.:

The complete texts of all R and H declarations can be read at point 16.

SECTION 4: First-aid measures

General: Contact a doctor in case of symptoms. Place the contaminated garments in sealed container until disposal or decontamination.

4.1 Description of first-aid measures:

Inhalation: Not relevant.

Contact with the eyes: In case of contact with the eyes, rinse immediately with clean water. Keep rinsing for at least 15 minutes.

Contact with the skin: Remove all contaminated garments and shoes. Wash with water and soap. Ingestion:

Do not induce vomiting. Rinse the mouth thoroughly.

4.2 Main symptoms and effects, both acute and delayed: Unknown

4.3 Indication on the possible need to consult a doctor immediately or special treatments:

Risks: No specific recommendation. **Treatment:** No specific recommendation.

SECTION 5: Fire-fighting measures

General risk of fire: No specific recommendation.

5.1 Extinguishers: Suitable extinguishers:

Foam, Dust, Co2.

Unsuitable extinguishers: Do not use water jets to extinguish fires, it would propagate fire. Alkaline powders.

5.2 Special hazards resulting from the substance or compound:

For more information, see § 10: "Stability and reactivity".

5.3 Recommendations for fire brigade:

Special fire-fighting procedures:

Use water sprays to cool containers.

Special protective devices for fire brigade:

In case of fire wear a breathing apparatus and complete protective garments. Use standard fire-fighting procedures and consider the dangers resulting from other materials involved.

SECTION 6: Measures in case of accidental release

6.1 6.1 Personal precautions, protection devices and procedures in case of emergency:

Wear personal protection equipment. As for the individual protection equipment, see Section 8 of the MSDS. **6.2 Environmental precautions:** Collect the spilled material. Do not discharge in the sewage system, in watercourses or on the soil.

6.3 Methods and materials for containment and remediation:

The containers used to collect the spilled material must be labelled with the correct description of the content and the hazard symbol. Keep the container sealed. Absorb with sand or another inert absorbent. DO NOT USE basic substances. Use a suitable solvent to clean the floor and the contaminated objects (cf. : § 9). Wash the area with lots of water.

Notification procedures: Warning – the contaminated surfaces can be slippery. See point 13 of the MSDS for information on disposal.

SECTION 7: Handling and storing:

7.1 Precautions for safe handling: use mechanical ventilation if handling causes vapour formation, Do not mix with incompatible materials. For further information, see § 10 'Stability and reactivity'. Read and follow the manufacturers' recommendations.

7.2 Conditions for safe storing, including possible incompatibilities:

Keep in a cool, dry and ventilated place. Keep away from incompatible materials, open flames and high temperatures. Keep in the original package, well closed. Suitable containers: polyethylene. Steel vat with epoxy resin coating.

7.3 Specific final uses: No data available.

SECTION 8: Control of exposure/individual protection

8.1 Control parameters:

Threshold Limit values for professional exposure:

Quartz – Capsulated in polymer, this product does not seem to cause hazards for health, is treated in normal use conditions.

Chemical name - Type of threshold limit values for exposure - Source

Vaseline oil (petroleum) - inhalable fraction TWA 5 mg/m3 Threshold limit values for professional exposure (2009)

8.2 Controls of exposure:

Suitable technical controls: Avoid inhalation of vapours and aerosols. Individual protection measures, such as individual protection devices:

General information: No particular precaution.

Protection for the eyes/the face: Safety glasses

Protection of the skin:

Protection of hands: Use protective gloves made of: Nitrile, PVC, rubber or plastic.

Other: It is a good industrial hygiene practice to minimize the contact with the skin. Use suitable protective garments.

Respiratory protection: No particular precaution.

Hygiene measures: Set up a post for eye washing and a safety shower

Environmental controls: No data available.

SECTION 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties:

Appearance:

Physical state: Paste Form: No data available.

Colour: Pink, light blue (it may be different based on specific orders).

Odour: Odourless

Olfactory threshold: No data available.

pH: Not applicable

Melting point: No data available. **Boiling point:** No data available.

Flammability point: > 200 °C (Sealed container according to the rule ASTM D-56.)

Evaporation speed: No data available.

Flammability (solids, gases): No data available.

Upper flammability limit %-: Lower flammability limit %-: Vapour pressure: < 0.1 hPa (20 °C) Vapour density (air=1): No data available. Relative density: 1.85 (20 °C) Approximate

Solubility:

Solubility in water: Virtually insoluble

Solubility (other): diethyl ether: Mixable (in all proportions)

Chlorinated solvents: Mixable (in all proportions) Aromatic hydrocarbons: Mixable (in all proportions) Aliphatic hydrocarbons: Mixable (in all proportions)

Acetone: Soluble but very little. Ethanol: Soluble but very little.

Distribution coefficient (n-octanol/water): No data available. **Self-lighting temperature:** > 400 °C

Decomposition temperature: > 200 °C Viscosity: No data

available.

Explosive properties: No data available.

Oxidising properties: Based on data on components, it is not considered oxidising (assessments based on the

structure-activity relation)

SECTION 10: Stability and reactivity

10.1 Reactivity: No other information provided.

10.2 Chemical stability: Stable in normal conditions.

10.3 Possibility of dangerous reactions: This product may generate gaseous hydrogen.

10.4 Conditions to avoid: No other information supplied.

10.5 Incompatible materials: It develops a highly inflammable gas (hydrogen) that entails risk of fire or explosion, in case of contact with strong oxidising agents, alkali and caustic products. Mobile-hydrogen chemical compounds, in the presence of metallic salts and compounds.

10.6 Hazardous products of decomposition: Thermal decomposition or combustion can release carbon oxides and other toxic gases and vapours. Amorphous silica.

Amount of hydrogen that may be potentially developed (I/kg of product): <1

SECTION 11: Toxicological information

Information on possible ways of exposures

Inhalation: No data available. Ingestion: No data available.

Contact with the skin: No data available.
Contact with the eyes: No data available.
11.1 Information on toxicological effects:

Acute toxicity:

Oral:

Product: No effects expected (estimate based on the substances contained). Not classified as for acute toxicity based on data available.

Cutaneous:

Product: No effects expected (estimate based on the substances contained). Not classified as for acute toxicity based on data available

Inhalation:

Product: No effects expected (estimate based on the substances contained). Toxicity

with repeated doses:

Product: No effects expected (estimate based on the substances contained). Corrosion/Irritation

of the skin:

Product: No effects expected (estimate based on the substances contained). Serious

damage to the eyes of eye irritation:

Product: No effects expected (estimate based on the substances contained). Sensitization

of the airways or the skin:

Product: No effects expected (estimate based on the substances contained).

Mutagenicity of germ cells:

In vitro:

Product: No effects expected (estimate based on the substances contained). In

vivo:

Product: No effects expected (estimate based on the substances contained).

Carcinogenicity: No effects expected (estimate based on the substances contained).

Product: No data available.

Toxicity for reproduction:

Product: No effects expected (estimate based on the substances contained). Toxicity

for reproduction (fertility): Product: No data available.

Toxicity for development (Teratogenicity):

Product: No data available.

Specific toxicity for target organ – Single exposure:

Product: No effects expected (estimate based on the substances contained). Specific

toxicity for target organ - Repeated exposure:

Product: No effects expected (estimate based on the substances contained) Hazard

from aspiration:

Product: No effects expected (estimate based on the substances contained) Other

adverse effects: Unknown.

SECTION 12: Ecological information

12.1 Toxicity:

Acute toxicity:

Fish:

Product: No effects expected (estimate based on the substances contained) Aquatic

invertebrates:

Product: No effects expected (estimate based on the substances contained)

Chronic toxicity: Fish:

Product: No effects expected (estimate based on the substances contained) Aquatic

invertebrates:

Product: No effects expected (estimate based on the substances contained). Toxicity

for aquatic plants:

Product: No effects expected (estimate based on the substances contained).

12.2 Persistence and degradability:
Biodegradation: Product: Not

applicable BOD/COD ratio:

Product: No data available.

Substance or substances specified: cristobalite

No data available.

Vaseline oil (petroleum) - No data available.

12.3 Bioaccumulation potential:

Product: No data available.

Substance or substances specified: cristobalite No data available. Vaseline oil (petroleum) – Bioaccumulation is negligible due to the low solubility of the product in water.

12.4 Mobility in the soil: No data available.

Distribution in environmental areas - either known or estimated: cristobalite

No data available.

Vaseline oil (petroleum) - No data available.

12.5 Results of PBT and vPvB assessment: No data reported

12.6 Other adverse effects: Not known.

SECTION 13: Considerations on disposal

13.1 Waste treatment methods:

General information: We draw the user's attention on the possible existence of local rules on disposal.

Disposal methods: Dispose of waste in a suitable treatment and disposal centre, in conformity with rules and regulations in force and the product features upon disposal. Incinerate in a suitable combustion chamber.

Contaminated packages must be emptied as much as possible. Dispose of waste in a suitable treatment and disposal centre, in conformity with rules and regulations in force and the product features upon disposal. After cleaning, recycle or eliminate in an authorized centre.

SECTION 14: Information on carriage

This material is not subject to regulations on carriage.

OTHER INFORMATION: Packaging with a tap equipped with a vent for air transport IS FORBIDDEN VIETATO.

14.7 Transport of materials in bulk according to annex II of MARPOL 73/78 and the IBC code: Not applicable.

SECTION 15: Information on regulation

15.1 15.1 Rules and legislation on health, safety and environment specific for the substance or compound: National regulations 15.2 Evaluation of chemical

safety: No data available.

SECTION 16: Other information

Information on review: Not relevant.

Abbreviations of the key or acronyms used: No data available.

Key bibliographic references and data sources: No data available.

Formulation of R declarations and indications of hazard in sections 2 and 3:

H304 It may be lethal in case of ingestion or penetration in the airways.

H372 It causes serious damages to organs in case of prolonged or repeated exposure. R48/20 Noxious: danger of serious damage for health in case of prolonged exposure due to inhalation. R65 Noxious: it may cause damage to the lungs in case of ingestion. **Training**

information: No data available.

State of inventory:

AICS: In the inventory or in conformity with the inventory. DSL: In the inventory or in conformity with the inventory.

EU list of existing substances: In the inventory or in conformity with the inventory.

ENCS (JP): Not in conformity with the inventory.

INV (CN): In the inventory or in conformity with the inventory. KECI (KR): In the inventory or in conformity with the inventory. PICCS (PH): In the inventory or in conformity with the inventory. TSCA list: In the inventory or in conformity with the inventory. NZIOC: In the inventory or in conformity with the inventory.

Date of issue: 19.03.2015 SDS N.:

Disclaimer: The information provided is based on available data for the material dealt with, its components or similar materials. We believe such information is correct. Information is provided in good faith.

Such information must be used to define independently methods for protection of workers and the environment.