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Material Safety Data Sheet

STEIWA-VARIO COLD-REPAIRASPHAT (highest quality)

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Substance: Asphalt mix

Trade names/synonyms: **STEIWA-VARIO 0/2, 0/4 and 0/8**

Use of Substance: **Reactively curing, cold applied asphalt mix, free of solvents**

Chemical family: Bitumen Asphalt without solvent

Manufacturer

STEININGER STRASSENBAUPRODUKTE DEUTSCHLAND GMBH

Reetzstrasse 87

Germany 76327 Pfinztal

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

APPEARANCE /ODOR: Black, solid mineral binder mix with characteristic odor.

Potential Health Effects: See Section 11 for more information

Likely Routes of Exposure: Eye contact, skin contact.

Eye: Causes moderate irritation (tears, blurred vision and redness).

Skin: Prolonged exposure may cause moderate skin irritation. May cause drying/defatting

Ingestion: Not likely to be toxic but may cause irritation of the mouth, throat and stomach.

Inhalation: Not relevant

Medical Conditions Aggravated By Exposure:

May cause more significant skin irritation in people with pre-existing skin conditions.

Target Organs: Not relevant

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Potential Environmental Effects: See Section 12 for more information

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SECTION 3: COMPOSITION, INFORMATION ON INGREDIENTS

Component CAS # % by Wt.

Mineral aggregates not available 92 - 94

Binder not available 8 - 6

HAZARDS DISCLOSURE: This product contains no known hazardous materials as defined by the OSHA

SECTION 4: FIRST AID MEASURES

Eye contact: Rinse opened eye for several minutes under running water; consult a physician.

Skin contact: Remove contaminated clothing and wash before reuse. Wash skin with soap and water. Get medical attention if irritation develops.

Inhalation: Not relevant.

Ingestion: Do NOT induce vomiting. Do NOT administer anything by mouth to unconscious person. Offer water to drink. Get medical attention.

Note to Physicians: Not relevant.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Foam, powder, water spray

Unsuitable Extinguishing Media: Water stream

Products of Combustion: Not applicable

Specific fire fighting methods: No specific methods required

Specific protective devices: Self-contained breathing apparatus

Specific hazards: No specific hazards known

Protection of Firefighters: Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautionary measures: No special measures required.

Environmental precautionary measures: Observe usual precautions.

Methods for cleaning up: Collect mechanically.

Other Information: Spills of this material do not need to be reported to the National Response Center.

SECTION 7: HANDLING AND STORAGE

Handling

Keep away from heat, sparks and flame - do not smoke. Do not get in eyes. Do not breathe vapor.

Avoid prolonged contact with skin.

Storage

Requirements on storage rooms and containers: Store in area protected against weather and sun.

Keep container well closed, material will be rendered unusable when exposed to air. Product residue may remain in empty containers. Observe all label precautions until container is cleaned, reconditioned or destroyed. Information about storage in a common storage facility: Not relevant

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Further information about storage conditions: Store in area protected against weather and sun.

Storage class according to VCI: Not relevant.

Appropriate application(s): For patching up asphalt and concrete

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component 1: Not established.

Component 2: Not established.

Engineering measures: No special requirement.

Components with critical values that require inspection at the place of work: The product does not contain

any relevant quantities of material with critical values, which have to be monitored at a work place.

Eye/face protection: Not required

Skin protection: Wear suitable work clothing and gloves.

Respiratory protection: Not required

General Hygiene Considerations: Wash thoroughly after handling. Have eye-wash facilities immediately

available. Do not eat, drink and smoke while working.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color: black

Odor: characteristic

Odor threshold: Not available

Physical state: mineral – binder - mix

pH - value: not relevant

Freezing point: not relevant

Boiling point: not relevant

Flash point: not relevant

Flammability: not relevant

Upper Flammability Limit: not relevant

Lower Flammability Limit: not relevant

Vapor pressure at 20 °C/68 °F [mmHg]: not relevant

Vapor Density at 25° C [g/ cm³]: 2-2.5

Solubility in water at 20°C/68 °F: not relevant

Solubility in fat at 20 °C/68 °F: not relevant

Auto-ignition Temperature: Not available.

Dynamic viscosity at 20° C/68 °F [mPas]: not relevant

Percent Volatile, wt. %: 0

Volatile Organic Compound (VOC) content, wt. %: 0

Fire promoting properties [°C]: product is not oxidizing

Danger of explosion [°C]: product is not explosive

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Keep away from heat, sparks and flames.

Incompatible Materials: not relevant

Possibility of Hazardous Reactions: Will not occur.

Hazardous Decomposition Products: Not relevant

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SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

The product is classified as not acute toxic.

CHRONIC EFFECTS: *

The product is classified as not chronically toxic.

Corrosive or irritant effect or sensitization:

The product is classified as not irritating or sensitizing.

SECTION 12: ECOLOGICAL INFORMATION

Mobility in Environment: Not relevant.

Persistence/ Degradability: Not relevant.

Bioaccumulation/ Accumulation: Not relevant.

Further negative effects: There are no negative effects known.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal: Dispose of in accordance with federal, state and local regulations. *

Packaging: Packaging can be reused or recycled after cleaning. Note local restrictions. *

SECTION 14: TRANSPORT INFORMATION

US DOT (ground)

Proper Shipping Description: This product is not regulated for shipping by US DOT.

Canadian TDG (ground)

Proper Shipping Description: See US DOT

ICAO (air)

Proper Shipping Description: See US DOT

IMDG (water)

Proper Shipping Description: See US DOT

ADR/ RID

Proper Shipping Description: See US DOT

ADN/ ADN R

Proper Shipping Description: See US DOT

SECTION 15: REGULATORY INFORMATION

OSHA PROCESS SAFETY (29CFR1910.119): Not regulated.

Inventory Status

United States (TSCA): All ingredients are on the inventory or exempt from listing.