

SAFETY DATA SHEET

DT-WIK 1350



Version
2.0

Revision Date:
07/02/2015

Date of last issue: 04/10/2015
Date of first issue: 09/12/2013

SECTION 1. IDENTIFICATION

Identification of the company:	OSM Shield, LLC 97 Main Street Suite W-202 Edwards, CO 81632 (970) 390-8717
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Trade name: DT-WIK 1350

Formula: Proprietary

Chemical family: Polymer

Recommended use of the chemical and restrictions on use

Recommended use: Auxiliary Chemical

Recommended restrictions on use: unknown

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4. FIRST AID MEASURES

General advice : Get medical advice/ attention if you feel unwell.

If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.

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In case of skin contact	: Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation develops and persists.
If swallowed	: IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
Most important symptoms and effects, both acute and delayed	: The possible symptoms known are those derived from the labelling (see section 2). No additional symptoms are known.
Notes to physician	: None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: water Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water spray
Unsuitable extinguishing media	: High volume water jet
Specific hazards during fire-fighting	: Thermal decomposition may produce oxides of carbon.
Further information	: None known.
Special protective equipment for firefighters	: Self-contained breathing apparatus

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Wear suitable protective equipment. Contain spill. Small spills may be flushed to the sewer or absorbed on suitable absorbents. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils. place in appropriate containers.
Environmental precautions	: Retain and dispose of contaminated wash water. The product should not be allowed to enter drains, water courses or the soil.
Methods and materials for containment and cleaning up	: Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

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SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Observe the general rules of industrial fire protection

Advice on safe handling : Avoid contact with skin and eyes.

Conditions for safe storage : Keep container closed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Engineering measures : Local ventilation recommended - mechanical ventilation may be used.

Personal protective equipment

Respiratory protection : not required under normal use

Hand protection

Remarks : Butyl Rubber, PVC Or Neoprene.

Eye protection : Safety glasses or chemical splash goggles.

Skin and body protection : None known.

Protective measures : Observe the usual precautions for handling chemicals.

Hygiene measures : Wash hands before breaks and at the end of workday.
Use protective skin cream before handling the product.
Take off immediately all contaminated clothing and wash it before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Colour : white

Odour : odourless

Odour Threshold : not determined

pH : 4.0 - 6.0

Freezing point : not determined

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Boiling point	: > 212 °F
Flash point	: not tested.
Evaporation rate	: not tested.
Flammability (solid, gas)	: not applicable
Upper explosion limit	: not tested.
Lower explosion limit	: not tested.
Vapour pressure	: not tested.
Relative vapour density	: not determined
Density	: not tested.
Solubility(ies) Water solubility	: dispersible
Partition coefficient: n-octanol/water	: not tested.
Auto-ignition temperature	: not tested.
Decomposition temperature	: not tested.
Viscosity Viscosity, dynamic	: not tested.
Viscosity, kinematic	: not determined
Oxidizing properties	: not tested.
Impact sensitivity	: not determined
Sublimation point	: not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: Stable No dangerous reaction known under conditions of normal use.
Conditions to avoid	: None known. None known.
Incompatible materials	: not known

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Hazardous decomposition products : When handled and stored appropriately, no dangerous decomposition products are known

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

None known.

Acute toxicity

Product:

Acute oral toxicity : LD50 (rat): > 2,000 mg/kg
Method: OECD Test Guideline 423
GLP: yes

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

Skin corrosion/irritation

Product:

Species: rabbit
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: yes

Serious eye damage/eye irritation

Product:

Species: rabbit
Result: No eye irritation
Method: OECD Test Guideline 405
GLP: yes

Respiratory or skin sensitisation

Product:

Test Type: Guinea pig maximization test
Species: guinea pig
Method: OECD Test Guideline 406
Result: non-sensitizing
GLP: yes

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: not tested.

Germ cell mutagenicity - : Not mutagenic in Ames Test.

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Assessment

Carcinogenicity

Product:

Carcinogenicity - Assessment : No information available.

IARC Not listed

OSHA Not listed

NTP Not listed

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : No information available.

Repeated dose toxicity

Product:

Remarks: not tested.

Experience with human exposure

Product:

General Information : The possible symptoms known are those derived from the labelling (see section 2).

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : (Fish): > 100 mg/l

Toxicity to daphnia and other aquatic invertebrates : Remarks: not tested.

Toxicity to algae : Remarks: not tested.

Toxicity to bacteria : IC50 (activated sludge): > 100 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209
Remarks: By analogy with a product of similar composition

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Persistence and degradability

Product:

Biodegradability : Dissolved organic carbon (DOC)

Biochemical Oxygen Demand (BOD) : < 100 mg/g

Chemical Oxygen Demand (COD) : 350 mg/g

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: not tested.

Mobility in soil

No data available

Other adverse effects

Product:

Environmental fate and pathways : Remarks: no data available

Results of PBT and vPvB assessment : Remarks: no data available

Additional ecological information : Product does not contain any organic bound Halogens which could lead to AOX-values.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

RCRA - Resource Conservation and Recovery Authorization Act : No -- Not as sold.

Waste Code : None

Waste from residues : Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or land-filled after solidification in permitted systems.

SECTION 14. TRANSPORT INFORMATION

DOT not restricted

IATA not restricted

IMDG not restricted

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SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1%.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

Subject to limitations, this product may be used in compliance with the Federal Food, Drug, and Cosmetic Act and all applicable food additive regulations.

FDA: Permitted for Use per Section:

Resinous and polymeric coatings.

Components of paper and paperboard in contact with aqueous and fatty foods.

Components of paper and paperboard in contact with dry food.

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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