

Material Safety Data Sheet

acc.to ISO/DIS 11014

SIGA-Dockskin

Version 2.1

Reviewed on: 11/26/2012
Replaces edition of: 10/29/2012

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier:

Trade name: **SIGA-Dockskin**

Relevant identified uses of the substance or mixture and uses advised against:

Application of the substance / the preparation:

high-performance primer

Details of the supplier of the safety data sheet:

Manufacturer/Supplier:

**SIGA Cover, Inc.
8001 Irvine Center Drive
Suite 400
Irvine
California 92618
USA**

Information department:

E-Mail: technics@sigacover.com

Emergency telephone number:

Tel. 1-855-733-7442 (while office-time)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of international guidelines.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

Label elements:

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Classification system:

NFPA ratings (scale 0 – 4):



Health = 1
Fire = 0
Reactivity = 0

HMIS-ratings (scale 0 - 4):



Health = 1
Fire = 0
Reactivity = 0

Other hazards:

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Results of PBT and vPvB assessment:

PBT: **Not applicable**vPvB: **Not applicable**

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: **Mixtures**Description: **Aqueous acrylate dispersion**Dangerous components: **Void**

4. FIRST AID MEASURES

Description of first aid measures:

General information: **No special measures required.**After inhalation: **Supply fresh air; consult doctor in case of complaints.**After skin contact: **Immediately wash with water and soap and rins thoroughly.**After eye contact: **Rinse opened eye for several minutes under running water. Then consult a doctor.**After swallowing: **If symptoms persist consult doctor.**Most important symptoms and effects, both acute and delayed: **No further relevant information available.**Indication of any immediate medical attention and special treatment needed : **No further relevant information available.**

5. EXTINGUISHING MEDIA

 Suitable extinguishing agents: **CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment.**

 Special hazards arising from the substance or mixture: **No further relevant information available.**
Advice for firefighters:
 Protective equipment: **Wear self-contained respiratory protective device.**

6. ACCIDENTAL RELEASE MEASURES

 Personal precautions, protective equipment and emergency procedures: **Wear protective clothing.**

 Environmental precautions: **Dilute with plenty of water.**

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Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Reference to other sections:	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. HANDLING AND STORAGE

Precautions for safe handling:	No special measures required.
Information about protection against explosions and fires:	No special measures required.
<u>Conditions for safe storage, including any incompatibilities:</u> <u>Storage:</u>	
Requirements to be met by storerooms and receptacles:	No special requirements.
Information about storage in one common storage facility:	Not required
Further information about storage conditions:	Protect from frost.
Specific end use(s):	No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems:	No further data; see item 7.
<u>Control parameters:</u> Components with limit values that require monitoring at the workplace:	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information:	The lists that were valid during the creation were used as basis.
<u>Exposure controls:</u> <u>Personal protective equipment:</u> General protective and hygienic measures:	The usual precautionary measures for handling chemicals should be followed.
Breathing equipment:	Not required.

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Protection of hands:

Protective gloves: Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.



Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Nitrile rubber, NBR.

Penetration time of glove material:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles.



9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:
General Information:

Form	Fluid
Color	White
Odour	Characteristic
pH-Value at 68° F (20°C)	3.0 – 5.0
Melting point/melting range	ca. 32° F (ca. 0°C)
Flash point	Not applicable
Flammability	Not applicable
Decomposition temperature	Not determined
Auto igniting	Product is not selfigniting
Danger of explosion	Product does not present an explosion hazard
Explosion limits (Vol-%):	lower: Not determined upper: Not determined
Vapor pressure at 68°F (20°C):	17 mm Hg (23hPa)
Density at 68°F (20°C):	8.512 lbs/gal (1.02 g/cm³)
Relative density	Not determined
Vapor density	Not determined

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Evaporation rate	Not determined
Solubility in / Miscibility with Water	Fully miscible
Segregation coefficient (n-octanol/water)	Not determined
Viscosity: Dynamic at 68°F (20°C): Kinematic	500 - 2000 mPa.s Not determined
Solids content	67.0 – 70.0 %
Other information	No further relevant information available.

10. STABILITY AND REACTIVITY

Reactivity:	-
<u>Chemical stability:</u> Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
Possibility of hazardous reactions:	No dangerous reactions known.
Conditions to avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

<u>Information on toxicological effects:</u> <u>Acute toxicity, Primary irritant effect:</u>	
On the skin:	No irritant effect
On the eye:	Irritating effect
Sensitization:	No sensitizing effects known.
Additional toxicological information:	The product is not subject to classification according to internally approved calculation methods for preparations:
<u>Carcinogenic categories:</u> IARC (International Agency for Research on Cancer):	None of the ingredients is listed.
NTP (National Toxicology Program):	None of the ingredients is listed.

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12. ECOLOGICAL INFORMATION

<u>Toxicity:</u>	
Aquatic toxicity:	No further relevant information available.
Persistence and degradability:	No further relevant information available.
Bioaccumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.
<u>Additional ecological information:</u>	
General notes:	Generally not hazardous for water.
<u>Results of PBT and vPvB assessment:</u>	
PBT:	Not applicable
vPvB	Not applicable
Other adverse effects	No further relevant information available.

13. DISPOSAL CONSIDERATIONS:

<u>Waste treatment methods:</u>	
Recommendation:	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated adhering to official regulations.
<u>Uncleaned packagings:</u>	
Recommendation:	Packagings that cannot be cleansed are to be disposed of in the same manner as the product.
Recommended cleansing agent:	Water, if necessary with cleansing agents. Keep contaminated washing water and dispose of appropriately.

14. TRANSPORT INFORMATION

<u>UN-Number:</u>	
DOT, ADR, ADN, IMDG, IATA:	Void
<u>UN proper shipping name:</u>	
DOT, ADN, IMDG, IATA:	Void
ADR:	Void
<u>Transport hazard class(es):</u>	
DOT, ADR, ADN, IMDG, IATA	
Class:	Void
<u>Packing group:</u>	
DOT, ADR, IMDG, IATA:	Void
<u>Environmental hazards:</u>	
Marine pollutant:	No

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Special precautions for user: **Not applicable**

Transport in bulk according to Annex II
Of MARPOL73/78 and the IBC Code: **Not applicable**

15. REGULATORY INFORMATION

Safety, health and environmental
regulations/legislation specific for the
substance or mixture:

Sara:

Section 355 (extremely hazardous
substances):

None of the ingredient is listed.

Section 313 (Specific toxic chemical
listings):

None of the ingredient is listed.

Proposition 65:

Chemicals known to cause cancer:

None of the ingredient is listed.

Chemicals known to cause
reproductive toxicity for females:

None of the ingredient is listed.

Chemicals known to cause
reproductive toxicity for males:

None of the ingredient is listed.

Chemicals known to cause
developmental toxicity:

None of the ingredient is listed.

Carcinogenicity categories:

EPA (Environmental Protection
Agency):

None of the ingredients is listed.

TLV (Threshold Limit Value
established by ACGIH):

None of the ingredients is listed.

NIOSH-Ca (National Institute for
Occupational Safety and Health):

None of the ingredients is listed.

OSHA-Ca (Occupational Safety &
Health Administration):

None of the ingredients is listed.

Canadian substance listings:

Canadian Ingredient Disclosure list
(limit 0.1%):

None of the ingredients is listed.

Canadian Ingredient Disclosure list
(limit 1%):

None of the ingredients is listed.

Product related hazard informations:

**Observe the general safety regulations when
handling chemicals.
The product is not subject to identification
regulations according to directives on hazardous
materials.**

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Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: product safety departement

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

* Data compared to the previous version altered.