

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier.

Trade name : ACE UV SHIELD A

1.2 Relevant identified uses of the substance or mixture and uses advised against.

Use of the Substance/Mixture : Component of a Polyurethane System.

Recommended restrictions on use : Consumer use

1.3 Details of the supplier of the safety data sheet.

Company: ACE COATINGS

Address: Campo Sagrado, 1133205

City: Gijón

Province: Asturias

Telephone: +34 985 323 328

E-mail: info@acecoatings.com

Web: www.acecoatings.com

1.4 Emergency telephone number: (Available 24 hours)

Telephone number

+34 977 822 245 (Only available during office hours)

EUROPE: +32 35 75 1234

NÚMERO DE TELÉFONO DE EMERGENCIA EN CHILE (QUÍMICA Y/O TOXICOLÓGICA):

Corporación RITA-Chile: 2 2777 1994

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4-H332: Harmful if inhaled.

Skin sensitisation, Category 1-H317: May cause an allergic skin reaction.

Specific target organ toxicity - single exposure, Category 3, Respiratory system - H335: May cause respiratory irritation

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements :

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

Precautionary statements :

Prevention:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P280 Wear protective gloves.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/ doctor if you feel unwell.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Hazardous components which must be listed on the label:

Alcohols, C12-18, ethoxylated, reaction products with 1,6-diisocyanatohexane and polyethylene-polypropylene glycol

Hexamethylene diisocyanate, oligomers

Hexamethylene diisocyanate

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)

ace

+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Alcohols, C12-18, ethoxylated, reaction products with 1,6-diisocyanatohexane and polyethylene-polypropylene glycol	72968-35-5 -	Acute Tox. 4; H332 Skin Sens. 1; H317 STOT SE 3; H335	>= 50 - < 70
Hexamethylene diisocyanate, oligomers	28182-81-2 500-060-2	Acute Tox. 4; H332 Skin Sens. 1; H317 STOT SE 3; H335	>= 30 - < 50
Hexamethylene diisocyanate	822-06-0 212-485-8	Acute Tox. 4; H302 Acute Tox. 1; H330 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 STOT SE 1; H370 STOT SE 3; H335 STOT RE 1; H372	>= 0,1 - < 0,5

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice :

Move out of dangerous area.

Consult a physician.

Show this safety data sheet to the doctor in attendance.

Treat symptomatically.

Get medical attention if symptoms occur.

If inhaled :

Consult a physician after significant exposure.

If inhaled, remove to fresh air.

Get medical attention if symptoms occur.

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

In case of skin contact :

If on skin, rinse well with water.

In case of eye contact :

Flush eyes with water as a precaution.

Remove contact lenses.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed :

Keep respiratory tract clear.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Take victim immediately to hospital

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: No information available.

Hazardous combustion products: No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Specific extinguishing methods: No data is available on the product itself.

Further information : No action shall be taken involving any personal risk or without suitable training.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions :

Use personal protective equipment.

Ensure adequate ventilation.

Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions :

Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up :

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal considerations see section 13., See Section 1 for emergency contact information.,

For personal protection see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling :

Avoid formation of aerosol.

Do not breathe vapours/dust.

Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes.

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area.

Provide sufficient air exchange and/or exhaust in work rooms.

Dispose of rinse water in accordance with local and national regulations.

Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion:
Normal measures for preventive fire protection.

Hygiene measures :
When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities
Requirements for storage areas and containers: Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Keep in properly labelled containers.
Advice on common storage : For incompatible materials please refer to Section 10 of this SDS.
Storage period : 6 Months
Further information on storage stability: Stable under normal conditions.

7.3 Specific end use(s)
Specific use(s) : No data available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Hexamethylene diisocyanate	822-06-0	VLA-ED	0,005 ppm 0,035 mg/m3	ES VLA
Further information	Sensitizer agent			

8.2 Exposure controls

Personal protective equipment

Eye protection :
Eye wash bottle with pure water
Tightly fitting safety goggles
Hand protection Remarks :
The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection :

Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection :

In the case of vapour formation use a respirator with an approved filter.

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines

Filter type :

Combined particulates and organic vapour type (A-P)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : No data is available on the product itself.

Odour : No data is available on the product itself.

Odour Threshold : No data is available on the product itself.

pH : No data is available on the product itself.

Freezing point : No data is available on the product itself.

Melting point : No data is available on the product itself.

Boiling point : No data is available on the product itself.

Flash point : > 100 °C

Method: closed cup

Evaporation rate : No data is available on the product itself.

Flammability (solid, gas) : No data is available on the product itself.

Burning rate : No data is available on the product itself.

Upper explosion limit / Upper flammability limit: No data is available on the product itself.

Lower explosion limit / Lower flammability limit: No data is available on the product itself.

Vapour pressure : No data is available on the product itself.

Relative vapour density : No data is available on the product itself.

Relative density : No data is available on the product itself.

Density : No data is available on the product itself.

Solubility(ies)

Water solubility : No data is available on the product itself.

Solubility in other solvents : No data is available on the product itself.

Partition coefficient: noctanol/water: No data is available on the product itself.

Auto-ignition temperature : No data is available on the product itself.

Decomposition temperature : No data is available on the product itself.

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

Viscosity, dynamic : No data is available on the product itself.
Explosive properties : No data is available on the product itself.
Oxidizing properties : No data is available on the product itself.

9.2 Other information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Components:

Hexamethylene diisocyanate:

Acute oral toxicity :

LD50 (Rat, male): 959 mg/kg

Method: OECD Test Guideline 401

LD50 (Rat, male): 746 mg/kg

Method: OECD Test Guideline 401

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

ACE UV SHIELD A

Acute inhalation toxicity -Product:

Assessment: The component/mixture is moderately toxic after short term inhalation.

Components:

Hexamethylene diisocyanate, oligomers:

Acute dermal toxicity :

LD50 (Rabbit): > 5 000 mg/kg

Hexamethylene diisocyanate:

Acute dermal toxicity :

LD50 (Rat, male and female): > 7 000 mg/kg

Method: OECD Test Guideline 402

Acute toxicity (other routes of administration): No data available

Skin corrosion/irritation

Components:

Hexamethylene diisocyanate, oligomers:

Species: Rabbit

Assessment: Mild skin irritant

Result: slight irritation

Hexamethylene diisocyanate:

Species: Rabbit

Exposure time: 4 h

Method: OECD Test Guideline 404

Result: Corrosive after 1 to 4 hours of exposure

Serious eye damage/eye irritation

Components:

Hexamethylene diisocyanate, oligomers:

Species: Rabbit

Assessment: Mild eye irritant

Result: slight irritation

Hexamethylene diisocyanate:

Species: Rabbit

Method: OECD Test Guideline 405

Result: Irreversible effects on the eye

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

ACE UV SHIELD A

Respiratory or skin sensitisation

Components:

Alcohols, C12-18, ethoxylated, reaction products with 1,6-diisocyanatohexane and polyethylenepolypropylene glycol:

Result: May cause sensitisation by skin contact.

Hexamethylene diisocyanate, oligomers:

Exposure routes: Skin

Species: Guinea pig

Method: OECD Test Guideline 406

Result: May cause sensitisation by skin contact.

Hexamethylene diisocyanate:

Test Type: Maximisation Test

Exposure routes: Skin

Species: Rabbit

Method: OECD Test Guideline 406

Result: May cause sensitisation by skin contact.

Exposure routes: Respiratory Tract

Species: Guinea pig

Result: May cause sensitisation by inhalation.

Components:

Hexamethylene diisocyanate:

Assessment:

Harmful if inhaled., Causes skin irritation., Causes serious eye irritation.

May cause an allergic skin reaction., May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

Components:

Hexamethylene diisocyanate, oligomers:

Genotoxicity in vitro :

Metabolic activation: with and without metabolic activation

Result: negative

Hexamethylene diisocyanate:

Genotoxicity in vitro :

-Test Type: In vitro mammalian cell gene mutation test

Test system: Chinese hamster ovary cells

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

ACE UV SHIELD A

Concentration: 1,0 - 10 ml

Metabolic activation: with and without metabolic activation

Result: negative

-Test Type: Ames test

Test system: Salmonella typhimurium

Concentration: 6, 12, 20, 25, 50 and 150 µL p

Metabolic activation: with and without metabolic activation

Result: negative

Components:

Hexamethylene diisocyanate:

Genotoxicity in vivo :

Test Type: Micronucleus test

Test species: Mouse (male and female)

Cell type: Bone marrow

Application Route: Inhalation

Exposure time: 6 h

Dose: 1.47 ppm

Method: OECD Test Guideline 474

Result: negative

Germ cell mutagenicity-Assessment:

No data available

Carcinogenicity

Components:

Hexamethylene diisocyanate:

Species: Rat, male and female

Application Route: Inhalation

Exposure time: 24 month(s)

Dose: 0,164 ppm

Frequency of Treatment: 6 hour

Method: OECD Test Guideline 453

Result: negative

Carcinogenicity -Assessment: No data available

Reproductive toxicity

Components:

Hexamethylene diisocyanate:

Effects on fertility :

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

ACE UV SHIELD A

Species: Rat, male and female
Application Route: Inhalation
Target Organs: Nasal inner lining
Method: OECD Test Guideline 422
Result: negative

Components:

Hexamethylene diisocyanate:
Effects on foetal development:
Species: Rat, male and female
Application Route: Inhalation
General Toxicity Maternal:
No observed adverse effect level: 0,005 ppm
Method: OECD Test Guideline 414
Result: No teratogenic effects

Reproductive toxicity -Assessment: No data available

STOT - single exposure

Components:

Alcohols, C12-18, ethoxylated, reaction products with 1,6-diisocyanatohexane and polyethylenepolypropylene glycol:
Assessment: May cause respiratory irritation.

Hexamethylene diisocyanate, oligomers:

Exposure routes: Inhalation
Target Organs: Respiratory Tract
Assessment: May cause respiratory irritation.

Hexamethylene diisocyanate:

Exposure routes: Inhalation
Target Organs: Respiratory Tract
Assessment: Causes damage to organs.

STOT - repeated exposure

Components:

Hexamethylene diisocyanate:
Target Organs: Nasal inner lining
Assessment: Causes damage to organs through prolonged or repeated exposure.

ACE UV SHIELD A

Repeated dose toxicity

Components:

Hexamethylene diisocyanate, oligomers:

Species: Rat

NOEC: 3,7

Exposure time: 504 h

Species: Rat

NOEC: 3,3

Exposure time: 2 160 h

Hexamethylene diisocyanate:

Species: Rat, male and female

NOEC: 0,005

Application Route: inhalation (vapour)

Test atmosphere: vapour

Exposure time: 2 yr Number of exposures: 6 h

Method: OECD Test Guideline 453

Components:

Hexamethylene diisocyanate:

Repeated dose toxicity -Assessment:

Harmful if inhaled., Causes skin irritation., Causes serious eye irritation.

Aspiration toxicity

No data available

Experience with human exposure

General Information: No data available

Inhalation: No data available

Skin contact: No data available

Eye contact: No data available

Ingestion: No data available

Toxicology, Metabolism, Distribution: No data available

Neurological effects: No data available

Further information

Ingestion: No data available

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Components:

Hexamethylene diisocyanate, oligomers:

Toxicity to fish : IC₀ (Brachydanio rerio (zebrafish)): > 100 mg/l

Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates:

IC₀ (Daphnia magna (Water flea)): > 100 mg/l

Exposure time: 48 h

Toxicity to algae/aquatic plants:

EC₅₀ (Desmodesmus subspicatus (green algae)): > 1 000 mg/l

Exposure time: 72 h

Toxicity to microorganisms :

EC₅₀ (activated sludge): > 1 000 mg/l

Exposure time: 3 h

Hexamethylene diisocyanate:

Toxicity to fish :

LC₅₀ (Brachydanio rerio (zebrafish)): > 82,8 mg/l

Exposure time: 96 h

Test Type: static test

Test substance: Fresh water

Method: Directive 67/548/EEC, Annex V, C.1.

Toxicity to daphnia and other aquatic invertebrates:

EC₅₀ (Daphnia magna (Water flea)): > 89,1 mg/l

Exposure time: 48 h

Test Type: static test

Test substance: Fresh water

Method: Directive 67/548/EEC, Annex V, C.2.

Toxicity to algae/aquatic plants:

EgC₅₀ (Desmodesmus subspicatus (green algae)): > 77,4 mg/l

Exposure time: 72 h

Test Type: static test

Test substance: Fresh water

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

Method: Directive 67/548/EEC, Annex V, C.3.

Toxicity to microorganisms :
EC50 (activated sludge): 842 mg/l
Exposure time: 3 h
Test Type: static test
Test substance: Fresh water
Method: OECD Test Guideline 209

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

12.2 Persistence and degradability

Components:

Hexamethylene diisocyanate, oligomers:

Biodegradability :

Result: Not readily biodegradable.

Biodegradation: 0 %

Exposure time: 28 d

Hexamethylene diisocyanate:

Biodegradability :

Inoculum: activated sludge

Concentration: 100 mg/l

Result: Not readily biodegradable.

Biodegradation: 48 %

Exposure time: 28 d

Method: OECD Test Guideline 301F

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product :

Do not dispose of waste into sewer.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Send to a licensed waste management company.

Dispose of as hazardous waste in compliance with local and national regulations.

Dispose of contents/ container to an approved waste disposal plant.

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

Contaminated packaging :
Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

IATA
Not regulated as dangerous goods

IMDG
Not regulated as dangerous goods

ADR
Not regulated as dangerous goods

RID
Not regulated as dangerous goods

Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable for product as supplied.

SECTION 15: REGULATORY INFORMATION

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

REACH - List of substances subject to authorisation (Annex XIV): Not applicable

REACH - List of substances subject to authorisation -Future sunset date: Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59): This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

Other regulations: Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

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

DSL : This product contains one or several components listed in the Canadian NDSL.

AICS : Not in compliance with the inventory

NZIoC : Not in compliance with the inventory

ENCS : Not in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

TCSI : On the inventory, or in compliance with the inventory

TSCA : On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), ENCS (Japan), KECI (Korea), NZIOC (New Zealand),
PICCS (Philippines), TCSI (Taiwan), TSCA (United States of America (USA))

15.2 Chemical safety assessment

Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.

SECTION 16: OTHER INFORMATION

Full text of H-Statements

H302 : Harmful if swallowed.

H315 : Causes skin irritation.

H317 : May cause an allergic skin reaction.

H319 : Causes serious eye irritation.

H330 : Fatal if inhaled.

H332 : Harmful if inhaled.

H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 : May cause respiratory irritation.

H370 : Causes damage to organs if inhaled.

H372 : Causes damage to organs through prolonged or repeated exposure.

Full text of other abbreviations

Acute Tox. : Acute toxicity

Eye Irrit. : Eye irritation

Resp. Sens. : Respiratory sensitisation

Skin Irrit. : Skin irritation

Skin Sens. : Skin sensitisation

STOT RE : Specific target organ toxicity - repeated exposure

STOT SE : Specific target organ toxicity - single exposure

ES VLA : Spain. Environmental Limits for exposure to Chemical agents

- Table 1: Occupational Exposure Values

ES VLA / VLA-ED : Environmental Daily Limit Value

Dirección Corporativa:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 9 79913091-línea WhatsApp

ACE UV SHIELD A

Further information

Classification of the mixture:

Acute Tox. 4	H332
Skin Sens. 1	H317
STOT SE 3	H335

Classification procedure:

Based on product data or assessment
Calculation method
Calculation method

The information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

NO PERSON OR ORGANIZATION EXCEPT A DULY AUTHORIZED ACE COATINGS S.L. EMPLOYEE IS AUTHORIZED TO PROVIDE OR MAKE AVAILABLE DATA SHEETS FOR ACE COATINGS S.L. PRODUCTS. DATA SHEETS FROM UNAUTHORIZED SOURCES MAY CONTAIN INFORMATION THAT IS NO LONGER CURRENT OR ACCURATE