

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010

AM0562/85
04 00

Revision Date Apr 23, 2014
Revision Number 8.0
Print Date May 17, 2014

SECTION 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1. PRODUCT IDENTIFIER

AM0562/85
HYDROPLUS WATERBORNE BASECOAT FOR EXTERIORS, LARCH

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Paint or Paint-related Material

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

SHERWIN-WILLIAMS Italy S.r.l.
Via del Fiffo, 12 - 40065 Pianoro (BO) - Italia - C.P. 18
Cod. Fisc. e Reg. Impr. Bo 08866930152 - P. IVA: IT 00494251200
R.E.A. n. 313180 - Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531
Società soggetta a direzione e coordinamento di The Sherwin-Williams Company, USA
e-mail address of competent person responsible for the SDS: pianoroproductsafety@sherwin.com

1.4. EMERGENCY TELEPHONE NUMBER

National Advisory Body/PoisonCenter
National Poisons Information Svc/England
Telephone Number: 0845 4647
Hours of Operation: 24/7

SECTION 2. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

None

2.2. LABEL ELEMENTS

None

R – PHRASES

None

S – PHRASES

S1/2	Keep locked up and out of the reach of children.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of water.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Hazardous Ingredients

None

Supplemental Label Elements

None

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

None

2.3. OTHER HAZARDS

Not Available

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES

Not Available

3.2. MIXTURES

% by Weight	CAS Number	EC Number	REACH	EC CLASSIFICATION (67/548/EC, 1272/2008/EC)
<0,1	26172-55-4			T;R23/24/25 C;R34 Xi;R43 N;R50 R53 Acute Tox. Oral 3 H301, Acute Tox. Dermal 3 H311, Acute Tox. Inhal 3 H331, Aquatic Acute 1 H400, Aquatic Chronic 1 H410, Skin Corr. 1B H314, Skin Sens. 1 H317
	5-Chloro-2-methylisothiazolinone			
0,1 - 1	1336-21-6	215-647-6		C;R34 N;R50 Aquatic Acute 1 H400, Skin Corr. 1B H314
	Ammonium Hydroxide			

Substance meets the criteria for PBT-VPVB according to Regulation (EC) No. 1907/2006, Annex XIII

None

For the full text of the H-Statements and R-phrases mentioned in this section, see Section 16.

SECTION 4. FIRST-AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

Never give anything by mouth to an unconscious person.

If unconscious place in recovery position and seek medical advice.

EYES: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

SKIN: Remove contaminated clothing.
Wash skin thoroughly with soap and water or use recognised skin cleanser.
Do NOT use solvents or thinners.
Launder clothes before reuse.

INHALATION: Remove to fresh air, keep patient warm and at rest.
If breathing is irregular or stopped, administer artificial respiration. Obtain medical attention.

INGESTION: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
Keep at rest.
Do NOT induce vomiting.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

In all cases of doubt, or when symptoms persist, seek medical attention.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not Available

SECTION 5. FIRE-FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Cool closed containers exposed to fire with water.

Do not allow run-off from fire fighting to enter drains or water courses.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

5.3. ADVICE FOR FIREFIGHTERS

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Cool closed containers exposed to fire with water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Remove all sources of ignition. Ventilate the area.

Follow protective measures listed in Sections 7 and 8.

6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow product to enter drains or waterways.

If the product enters drains or sewers, notify the local water authorities; in the case of contamination of streams, rivers or lakes contact the environmental authorities.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4. REFERENCE TO OTHER SECTIONS

Refer to emergency contacts in Section 1. Refer to protective measures in Section 8. For the waste regulations see Section 13.

SECTION 7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Use only with adequate ventilation.
Wash hands after using.
Keep out of the reach of children.
Do not take internally.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.
Keep out of the reach of children.

7.3. SPECIFIC END USE(S)

Paint or Paint-related Material

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

EH40/2005 WELs (UK 1/2012)
None

8.2. EXPOSURE CONTROLS

8.2.1. APPROPRIATE ENGINEERING CONTROLS

Provide adequate ventilation.
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

8.2.2. INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

Use only with adequate ventilation.
Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 3) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 3, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction).

A) EYE/FACE PROTECTION

Wear safety spectacles with unperforated sideshields.

B) SKIN PROTECTION

I) *HAND PROTECTION*

Required for long or repeated contact.

If skin contact is expected, choose gloves in accordance with 89/656/EEC and tested to EN 374-3. For prolonged or repeated handling, multilayer laminated gloves provide maximum protection. Other gloves may provide acceptable protection if chosen in accordance with EN 374-3, the European Solvents Industry Group (ESIG) Best Practices Guide, and glove manufacturers recommendations.

II) *OTHER*

None

C) RESPIRATORY PROTECTION

If this product contains ingredients with exposure limits, workplace and/or biological monitoring may be required to determine the necessity for and effectiveness of the ventilation equipment, personal protective equipment, and other control measures. Refer to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and to national guidance documents for methods used for the determination of hazardous substance exposure.

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator.

We recommend either of the following:

- a half-mask respirator of type FFA2P3D EN 405 : 2001 + A1 : 2009

- a half-mask respirator with filters in accordance with EN140. For gases and vapours, use filters in accordance with A2 EN141 + EN 14387 : 2004 for protection against materials in Section 3.

When sanding or abrading the dried film, wear a EN 143 P2 dust/mist respirator tested in accordance with EN 14387 for dust which may be generated from this product, underlying paint, or the abrasive.

D) THERMAL HAZARDS

Not Available

8.2.3. ENVIRONMENTAL EXPOSURE CONTROLS

Not Available

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	
ODOUR	Paint	
ODOUR THRESHOLD	Not tested due to nature of the product.	
pH	7.1	
MELTING POINT	Not Available	
BOILING POINT	100 - 100 °C	212 - 213 °F
FLASH POINT	> 100 °C	> 212 °F
EVAPORATION RATE	Slower than ether	
FLAMMABILITY	Not tested due to nature of the product.	
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not Applicable / Not Applicable	
VAPOUR PRESSURE	Not tested due to nature of the product.	
VAPOR DENSITY	Heavier than air	
RELATIVE DENSITY	1.05	
SOLUBILITY(IES)	Not tested due to nature of the product.	
PARTITION COEFFICIENT: N-OCTANOL/WATER	Not tested due to nature of the product.	
AUTO-IGNITION TEMPERATURE	Not tested due to nature of the product.	
DECOMPOSITION TEMPERATURE	Not tested due to nature of the product.	
VISCOSITY	Not tested due to nature of the product.	
EXPLOSIVE PROPERTIES	Not tested due to nature of the product.	
OXIDISING PROPERTIES	Not tested due to nature of the product.	
PRODUCT WEIGHT	1045 g/l	8.73 lb/gal
VOLATILE VOLUME	69%	

9.2. OTHER INFORMATION

Not Available

SECTION 10. STABILITY AND REACTIVITY

10.1. REACTIVITY

None known.

10.2. CHEMICAL STABILITY

Stable

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

None known.

10.4. CONDITIONS TO AVOID

None known.

10.5. INCOMPATIBLE MATERIALS

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity

CAS Number	EC Number	Substance Name/Test Data
1336-21-6	215-647-6	Ammonium Hydroxide Oral LD50 Rat 350 mg/kg (Source: IUCLID)
26172-55-4		5-Chloro-2-methylisothiazolinone Inhalation LC50 Rat 1.23 mg/L 4 h (Source: NLM_CIP); Oral LD50 Rat 481 mg/kg (Source: IUCLID)

Skin Corrosion/Irritation

Not Available

Serious Eye Damage/Irritation

Not Available

Respiratory/Skin Sensitization

Not Available

Germ Cell Mutagenicity

Not Available

Carcinogenicity

Not Available

Reproductive Toxicity

Not Available

Aspiration Hazard

Not Available

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE**EYES:** None generally recognized.**SKIN:** None generally recognized.**INHALATION:** None generally recognized.**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

SECTION 12. ECOLOGICAL INFORMATION**12.1. TOXICITY**

CAS Number	EC Number	Substance Name/Test Data
1336-21-6	215-647-6	Ammonium Hydroxide 96 Hr LC50 Pimephales promelas: 8.2 mg/L 48 Hr EC50 water flea: 0.66 mg/L; 48 Hr EC50 Daphnia pulex: 0.66 mg/L
26172-55-4		5-Chloro-2-methylisothiazolinone 72 Hr EC50 Pseudokirchneriella subcapitata: 0.11 - 0.16 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 0.03 - 0.13 mg/L [static] 96 Hr LC50 Oncorhynchus mykiss: 1.6 mg/L [semi-static] 48 Hr EC50 Daphnia magna: 4.71 mg/L; 48 Hr EC50 Daphnia magna: 0.12 - 0.3 mg/L [Flow through]; 48 Hr EC50 Daphnia magna: 0.71 - 0.99 mg/L [Static]

Not Available

12.3. BIOACCUMULATIVE POTENTIAL

Not Available

12.4. MOBILITY IN SOIL

Not Available

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

Not Applicable

12.6. OTHER ADVERSE EFFECTS

Not Available

SECTION 13. DISPOSAL CONSIDERATIONS**13.1 Waste Treatment Methods****Methods of Disposal**

Do not allow product to enter drains or waterways.

European Waste Catalogue (EWC)

08 01 12: Waste paint and varnish other than those mentioned in 08 01 11

Type of Packaging

15 01 04(metal)

15 01 02 (plastic)

Ensure packaging is completely empty before recycling. Dispose of uncured residues in the same way as the product itself.

Contaminated Packaging

15 01 10

Dispose of as unused product.

Do not burn, or use a cutting torch on, the empty drum.

Do not re-use empty containers.

Thermoset Plastic Waste

Ensure packaging is completely empty before recycling. Dispose of uncured residues in the same way as the product itself.

SECTION 14. TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number	Not Applicable	Not Applicable	Not Applicable
14.2 UN proper shipping name	Not Applicable	Not Applicable	Not Applicable
14.3 Transport hazard class(es)	Not Applicable	Not Applicable	Not Applicable
14.4 Packing group	Not Applicable	Not Applicable	Not Applicable
14.5 Environmental hazards	No	No	No
14.6 Special precautions for user	<u>Classification Code</u> Not Applicable <u>Transport Category</u> Not Applicable <u>ADR Tunnel Code</u> Not Applicable	<u>Emergency schedules (EmS)</u> Not Applicable	Not Applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not Applicable	Not Applicable	Not Applicable
14.8 Technical Names	Not Applicable	Not Applicable	Not Applicable

SECTION 15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Total volatile organic compounds (VOC): 0.63 %
Total volatile organic carbon: 0.38 %

For Italian Customers only – Classes of solvents according to Italian Legislative Decree 152/06 (Table D, Part II, Annex I)

Classification %
3 0.5

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles
None

Annex XIV - List of substances subject to authorization, Substances of very high concern
None

15.2. CHEMICAL SAFETY ASSESSMENT

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16. OTHER INFORMATION

FULL TEXT OF R – PHRASES REFERENCED IN SECTION 3.

(67/548/EC, 1272/2008/EC)

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R43 May cause sensitisation by skin contact.
R50 Very toxic to aquatic organisms.
R53 May cause long-term adverse effects in the aquatic environment.

H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

16.1. CHANGES SINCE LAST REVISION

SECTION 15.1 Annex XIV

BIBLIOGRAPHY:

Directive 1999/45/EC, and relative amendments & additions
Directive 67/548/EEC, and relative amendments & additions
Directive 96/82/EC, and relative amendments & additions
Directive 1999/45/EC, and relative amendments & additions
Directive 91/156/EC, and relative amendments & additions
Directive 2000/39/EC, and relative amendments & additives
Regulation (EC) No. 1907/2006, and relative amendments & additions
Regulation (EC) No. 1272/2008, and relative amendments & additions
Regulation (EU) No. 453/2010, and relative amendments & additions
CEPE Guide to Labelling and Packaging of Dangerous Preparations
Dangerous Good Regulation (IATA)
International Maritime Dangerous Goods Code (IMDG)
International Carriage of Dangerous Goods by Road (ADR)
EH40/2005 Workplace exposure limits
Hazard Information and Packaging for Supply) Regulations 2009
Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.