



SAFETY DATA SHEET

Revision date 15-Jun-2017

Version 7

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Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name EURO MAX HIGH SOLIDS CLEAR -2.
Product Code AD-580.L05
UN/ID no UN1263
Recommended Use Paint, Coatings

Details of the supplier of the safety data sheet

See section 16 for more information

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Section 2: HAZARDS IDENTIFICATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

Classification

| | |
|--|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |
| Skin sensitization | Category 1 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Flammable liquids | Category 2 |

Label elements



Signal word**DANGER****HAZARD STATEMENTS**

Highly flammable liquid and vapor
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause drowsiness or dizziness
May cause respiratory irritation

PREVENTION

Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE

Get medical advice/attention if you feel unwell.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Fire

In case of fire: Use CO₂, dry chemical, or foam for extinction.

STORAGE

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.

DISPOSAL

Dispose of contents/containers in accordance with local regulations.

OTHER HAZARDS

Not applicable.

UNKNOWN ACUTE TOXICITY

.0002% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | weight-% |
|---|------------|------------|
| Benzene, 1-chloro-4-(trifluoromethyl)- | 98-56-6 | 25 - 30 |
| Acetone | 67-64-1 | 10 - <15 |
| n-Butyl acetate | 123-86-4 | 5 - <10 |
| Methyl acetate | 79-20-9 | 5 - <10 |
| Methyl n-amyl ketone | 110-43-0 | 3 - <5 |
| Ethylene glycol monobutyl ether acetate | 112-07-2 | 1 - <3 |
| Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate | 41556-26-7 | 0.1 - <0.3 |

Section 4: FIRST AID MEASURES**First Aid Measures**

General advice

Get medical advice/attention if you feel unwell.

Eye contact

If eye irritation persists: Get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Skin Contact

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower Wash contaminated clothing before reuse If skin irritation or rash occurs: Get medical advice/attention

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell

Ingestion

Do NOT induce vomiting IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flammable properties Flammable liquid.

flash point -4 °F / -20 °C

Upper flammability limit: No information available

Lower flammability limit: No information available

Autoignition temperature No information available

Explosion data

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

Suitable extinguishing media

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂).

Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by skin contact.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES**Personal precautions**

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Take up mechanically, placing in appropriate containers for disposal.

Section 7: HANDLING AND STORAGE

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

| Chemical Name | ACGIH TLV | Alberta | British Columbia | Ontario TWA | Quebec | OSHA PEL |
|--|-------------------------------|--|-------------------------------|---|---|--|
| Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 | TWA: 2.5 mg/m ³ F | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ F TWA: 2.5 mg/m ³ dust |
| Acetone 67-64-1 | STEL: 500 ppm TWA: 250 ppm | TWA: 500 ppm TWA: 1200 mg/m ³ STEL: 750 ppm STEL: 1800 mg/m ³ | TWA: 250 ppm STEL: 500 ppm | TWA: 500 ppm STEL: 750 ppm | TWA: 500 ppm TWA: 1190 mg/m ³ STEL: 1000 ppm STEL: 2380 mg/m ³ | TWA: 1000 ppm TWA: 2400 mg/m ³ |
| n-Butyl acetate 123-86-4 | STEL: 200 ppm TWA: 150 ppm | TWA: 150 ppm TWA: 713 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³ | TWA: 20 ppm | TWA: 150 ppm STEL: 200 ppm | TWA: 150 ppm TWA: 713 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³ | TWA: 150 ppm TWA: 710 mg/m ³ |
| Methyl acetate 79-20-9 | STEL: 250 ppm TWA: 200 ppm | TWA: 200 ppm TWA: 606 mg/m ³ STEL: 250 ppm STEL: 757 mg/m ³ | TWA: 200 ppm STEL: 250 ppm | TWA: 200 ppm STEL: 250 ppm | TWA: 200 ppm TWA: 606 mg/m ³ STEL: 250 ppm STEL: 757 mg/m ³ | TWA: 200 ppm TWA: 610 mg/m ³ |
| Methyl n-amyl ketone 110-43-0 | TWA: 50 ppm | TWA: 50 ppm TWA: 233 mg/m ³ | TWA: 50 ppm | TWA: 25 ppm TWA: 115 mg/m ³ | TWA: 50 ppm TWA: 233 mg/m ³ | TWA: 100 ppm TWA: 465 mg/m ³ |
| Ethylene glycol monobutyl ether acetate 112-07-2 | TWA: 20 ppm | TWA: 20 ppm TWA: 131 mg/m ³ | TWA: 20 ppm | TWA: 20 ppm | | |

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal Protective Equipment

Eye/face protection

Tight sealing safety goggles.

Hand Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

Respiratory protection

In case of inadequate ventilation wear respiratory protection

Thermal Protection

No information available

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|-------------------------------|--------------------------|
| Physical state | liquid |
| Appearance | No information available |
| Odor | Solvent |
| Color | clear |
| Odor Threshold | No information available |
| pH value | No information available |
| Melting point/freezing point | No information available |
| Boiling point / boiling range | 56.05 °C / 133 °F |
| flash point | -20 °C / -4 °F |
| evaporation rate | No information available |
| Flammability (solid, gas) | No information available |
| Flammability Limit in Air | |
| Upper flammability limit: | No information available |
| Lower flammability limit: | No information available |
| Vapor Pressure | No information available |
| vapor density | No information available |
| Density (lbs per US gallon) | 8.93 |
| specific gravity | 1.07 |
| Solubility(ies) | No information available |
| Partition coefficient | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Kinematic viscosity | No information available |
| Dynamic viscosity | No information available |

Other information

Section 10: STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Incompatible materials Strong oxidizing agents.

Conditions to avoid Heat, flames and sparks.

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO₂). Chlorine. Chlorine gas.

Possibility of Hazardous Reactions None under normal processing.

Hazardous polymerization None under normal processing.

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact

Causes serious eye irritation

Skin Contact

Causes skin irritation

May cause an allergic skin reaction

Ingestion

Not applicable

Inhalation

May cause drowsiness or dizziness

May cause respiratory irritation

Numerical measures of toxicity - Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|--|---|---------------------------------------|
| Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 | = 13 g/kg (Rat) | > 2 mL/kg (Rabbit) | = 33 mg/L (Rat) 4 h |
| Acetone 67-64-1 | = 5800 mg/kg (Rat) | - | = 50100 mg/m ³ (Rat) 8 h |
| n-Butyl acetate 123-86-4 | = 10768 mg/kg (Rat) | > 17600 mg/kg (Rabbit) | = 390 ppm (Rat) 4 h |
| Methyl acetate 79-20-9 | > 5 g/kg (Rat) | > 5 g/kg (Rabbit) | = 16000 ppm (Rat) 4 h |
| Methyl n-amyl ketone 110-43-0 | = 1670 mg/kg (Rat) = 1600 mg/kg (Rat) | = 12600 µL/kg (Rabbit) = 12.6 mL/kg (Rabbit) | > 2000 ppm (Rat) 4 h |
| Ethylene glycol monobutyl ether acetate 112-07-2 | = 2400 mg/kg (Rat) | = 1480 mg/kg (Rabbit) | - |
| Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate 41556-26-7 | = 2615 mg/kg (Rat) | - | - |

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

| | |
|--------------------------------------|--------------|
| ATEmix (oral) | 13127 Mg/kg |
| ATEmix (dermal) | 100237 Mg/kg |
| ATEmix (inhalation-dust/mist) | 30.6 mg/l |
| ATEmix (inhalation-vapor) | 224 mg/l |

UNKNOWN ACUTE TOXICITY .0002% of the mixture consists of ingredient(s) of unknown toxicity.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--|-------|------|-----|------|
| Ethylene glycol monobutyl ether acetate 112-07-2 | A3 | | | |

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen.

| | |
|---|--|
| Skin corrosion/irritation | Causes skin irritation |
| Serious eye damage/eye irritation | Causes serious eye irritation |
| Skin sensitization | May cause an allergic skin reaction |
| Respiratory sensitization | Not applicable |
| Germ cell mutagenicity | Not applicable |
| Carcinogenicity | Not applicable |
| Reproductive Toxicity | Not applicable |
| Specific target organ toxicity (single exposure) | May cause drowsiness or dizziness May cause respiratory irritation |
| Specific target organ toxicity (repeated exposure) | Not applicable |
| Aspiration hazard | Not applicable |

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Environmental precautions Prevent product from entering drains.

Persistence and degradability

No information available

Bioaccumulation

No information available

Mobility

No information available

Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

| | TDG | IMDG | IATA |
|---|----------------|---------------------------------------|--------------------------|
| UN/ID no | UN1263 | UN1263 | UN1263 |
| Proper shipping name | Paint | Paint | Paint |
| Hazard Class | 3 | 3 | 3 |
| Packing Group | II | II | II |
| Environmental hazard | Not applicable | | |
| Special Provisions | | 163, 367 EmS-No F-E, S-E | A3, A72, A192 |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | | | No information available |

The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

Section 15: REGULATORY INFORMATION

| | |
|---|--|
| TSCA - United States Toxic Substances Control Act Section 8(b) Inventory | All components are listed or exempt from listing |
| DSL - Canadian Domestic Substances List | All components are listed or exempt from listing |

| | |
|----------------------|---|
| Chemical Name | Canada - NPRI (National Pollutant Release Inventory) |
|----------------------|---|

| | |
|---|--|
| Benzene, 1-chloro-4-(trifluoromethyl)- | Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| Acetone | Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| n-Butyl acetate | Part 5, Individual Substances |
| Methyl acetate | Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| Methyl n-amyl ketone | Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| Ethylene glycol monobutyl ether acetate | Part 5, Other Groups and Mixtures |

Section 16: OTHER INFORMATION

HMIS

| | |
|---------------------|---|
| Health hazards | 2 |
| Flammability | 3 |
| Physical hazards | 0 |
| Personal Protection | X |

Prepared By Regulatory Department

Revision date 15-Jun-2017

Revision Note No information available

Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

End of Safety Data Sheet