



GLOSS AND HARDNESS CATALYST V705

Features

- Speeds Drying

General Description

Alkyd Gloss and Hardness Catalyst speeds drying while producing a higher gloss and more corrosion resistance, as well as a harder enamel finish. Other benefits include increased solvent and chemical resistance.

Recommended For

Corotech® Gloss & Hardness Alkyd Catalyst can be used with the following Corotech® Alkyds:
V200 Line, V201 Line, V220 Line, V230 Line and V231 Line.

Limitations

Product Information																																																																	
<p>Colours — Standard: N/A</p> <p>— Tint Bases: N/A</p> <p>— Special Colours: N/A</p>	<table border="1"> <thead> <tr> <th>Technical Data</th> <th>Gloss & Hardness Catalyst</th> </tr> </thead> <tbody> <tr> <td>Generic Type</td> <td>Isocyanate</td> </tr> <tr> <td>Pigment Type</td> <td>N/A</td> </tr> <tr> <td>Volume Solids (mixed as recommended)</td> <td>69.1% ± 1.0% mixed</td> </tr> <tr> <td>Coverage per 3.79 L at Recommended Film Thickness</td> <td>N/A</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>N/A</td> </tr> <tr> <td>– Wet</td> <td>N/A</td> </tr> <tr> <td>– Dry</td> <td>N/A</td> </tr> <tr> <td colspan="2">Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td>Dry Time @ 25 °C (77 °F)</td> <td>N/A</td> </tr> <tr> <td>– To Touch</td> <td>N/A</td> </tr> <tr> <td>– To Recoat</td> <td>N/A</td> </tr> <tr> <td colspan="2">*If topcoat is not applied within 72 hours abrade the surface to ensure proper inter-coat adhesion. Maximum abrasion and chemical resistance are achieved at full cure; care should be taken to prevent damage to the coating during the curing process. High humidity and cool temperatures will result in longer dry, recoat and cure times.</td> </tr> <tr> <td>Dries By</td> <td>N/A</td> </tr> <tr> <td>Dry Heat Resistance</td> <td>N/A</td> </tr> <tr> <td>Viscosity @ 25 °C (77 °F) (mixed as recommended)</td> <td>N/A</td> </tr> <tr> <td>Flash Point (Mixed)</td> <td>32.7 °C (91 °F)(TT-P-141, Method 4293)</td> </tr> <tr> <td>Gloss/Sheen</td> <td>N/A</td> </tr> <tr> <td>Surface Temperature at application</td> <td>N/A</td> </tr> <tr> <td>– Min.</td> <td>N/A</td> </tr> <tr> <td>– Max.</td> <td>N/A</td> </tr> <tr> <td colspan="2">Surface must be dry and at least 5° above the dew point</td> </tr> <tr> <td>Thin With</td> <td>N/A</td> </tr> <tr> <td>Clean Up Thinner</td> <td>Xylene</td> </tr> <tr> <td>Mixed Ratio (by volume)</td> <td>See Application Section</td> </tr> <tr> <td>Induction time @ 25 °C (77 °F)</td> <td>None</td> </tr> <tr> <td>Pot Life @ 21.1 °C (70 °F)</td> <td>2 – 3 Hours</td> </tr> <tr> <td>Weight Per 3.79 L (mixed as recommended)</td> <td>4.1 kg (9.0 lbs)</td> </tr> <tr> <td>Storage Temperature</td> <td>4.4 °C (40 °F)</td> </tr> <tr> <td>– Min.</td> <td>4.4 °C (40 °F)</td> </tr> <tr> <td>– Max.</td> <td>35 °C (95 °F)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Volatile Organic Compounds (VOC) 615 Grams / Litre</td> </tr> </tbody> </table>	Technical Data	Gloss & Hardness Catalyst	Generic Type	Isocyanate	Pigment Type	N/A	Volume Solids (mixed as recommended)	69.1% ± 1.0% mixed	Coverage per 3.79 L at Recommended Film Thickness	N/A	Recommended Film Thickness	N/A	– Wet	N/A	– Dry	N/A	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.		Dry Time @ 25 °C (77 °F)	N/A	– To Touch	N/A	– To Recoat	N/A	*If topcoat is not applied within 72 hours abrade the surface to ensure proper inter-coat adhesion. Maximum abrasion and chemical resistance are achieved at full cure; care should be taken to prevent damage to the coating during the curing process. High humidity and cool temperatures will result in longer dry, recoat and cure times.		Dries By	N/A	Dry Heat Resistance	N/A	Viscosity @ 25 °C (77 °F) (mixed as recommended)	N/A	Flash Point (Mixed)	32.7 °C (91 °F)(TT-P-141, Method 4293)	Gloss/Sheen	N/A	Surface Temperature at application	N/A	– Min.	N/A	– Max.	N/A	Surface must be dry and at least 5° above the dew point		Thin With	N/A	Clean Up Thinner	Xylene	Mixed Ratio (by volume)	See Application Section	Induction time @ 25 °C (77 °F)	None	Pot Life @ 21.1 °C (70 °F)	2 – 3 Hours	Weight Per 3.79 L (mixed as recommended)	4.1 kg (9.0 lbs)	Storage Temperature	4.4 °C (40 °F)	– Min.	4.4 °C (40 °F)	– Max.	35 °C (95 °F)	Volatile Organic Compounds (VOC) 615 Grams / Litre	
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<p>Certification:</p> <p>The product supported by this data sheet contains a maximum of 615 grams per litre VOC / VOS excluding water & exempt solvents.</p>																																																																	
<p>Technical Assistance: Available through your local authorized independent Benjamin Moore® retailer. For the location of the retailer nearest you, call 1-877-711-6830, or visit www.benjaminmoore.ca</p>																																																																	

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WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions_questions_posees-eng.php

Application

Mix the product thoroughly before adding to the alkyd enamel. Add a maximum of 473.18 mL per 3.79 L of paint. When working with Isocyanates it is recommended that you wear an appropriate, properly fitted respirator approved by NIOSH/MSHA; an airline respirator (TC19C NIOSH/MSHA) is recommended.

Environmental Health & Safety Information

DANGER!

Harmful if inhaled

Causes skin irritation

Causes serious eye irritation

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause an allergic skin reaction

Suspected of causing cancer

May cause respiratory irritation

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Flammable liquid and vapour

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/mist/vapours/spray. 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. Keep cool. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If exposed or concerned get medical attention.

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 attention. If skin irritation or rash occurs get medical attention. If on skin (or hair) take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. If inhaled remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or physician. If swallowed immediately call a POISON CENTER or physician. Do NOT induce vomiting. 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.

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

IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

KEEP OUT OF REACH OF CHILDREN

Refer to Safety Data Sheet for additional health and safety information.