



HYDROXYPROPYL METHYL CELLULOSE 50 cPs	
PRODUCT CODE	R05105
SYNONYMS	--
C.I. NO.	--
CASR NO.	(9004-65-3)
ATOMIC OR MOLECULAR FORMULA	$C_3H_8O_2.XCH_4$
ATOMIC OR MOLECULAR WEIGHT	318.233
PROPERTIES	Insoluble in anhydrous alcohol, ether and chloroform. Combustible.
$C_3H_8O_2.XCH_4$	
PARAMETER	LIMIT
Description	White to off white fibrous or granular powder.
Solubility	Swells in water and produces a clear to opalescent viscous solution.
Viscosity (2% solution in H ₂ O at 20°C)	40 - 60 cPs
Methoxy content	28 – 30%
Hydroxy propoxy content	7 – 12%
MAXIMUM LIMIT OF IMPURITIES	
Heavy metals	0.001%
Loss on drying (at 105°C for 2 hrs.)	5.0%
Residue on ignition	3.0%
Note(s) : 1] Assay (if applicable) method mentioned.	
WARNING Hazard statements : Not hazardous. No hazards . Precautionary statements Prevention:---- Response: ---- Disposal: ------	IMDG Code : UN No. : IATA :
Hazard Pictogram(s) :	 GHS05 GHS07

Replace Date 1 April 2023

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