

40 CFR 63 Subpart I - Rule Interpretation Memos

! [Applicability of MACT I to a K-resin facility - Is K-resin a rubber?](#) [November 9, 2000]

Last Modified: November 9, 2000

Air Rule Interpretation Summary Form

Code Number	63I.001
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Applicability Of MACT I to a K-resin facility - Is K-resin a rubber?	November 9, 2000
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Rule/Regulation Citation(s):	Federal Rule: <u>X</u> State Regulation: <u> </u>
	Description:
40 C.F.R. Part 63, Subpart I § 63.190	National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks
Interpretation Request:	
Determination of the applicability of Title 40 Code of Federal Regulation (C.F.R.) Part 63, Subpart I to a K-Resin facility. Is K-resin a rubber or a resin?	
Determination:	
<p>If K-resin requires vulcanization it is a synthetic rubber and subject to the requirements of 40 C.F.R. Part 63, Subpart I. In addition, if the K-resin production process is not operated to achieve 99 percent monomer conversion or the K-resin production process unit recycles unreacted monomer back to the process, the requirements of 40 C.F.R. Part 63, Subpart I apply to the K-resin facility.</p> <p>However, the K-resin facility is not subject to the requirements of 40 C.F.R. Part 63, Subpart I if the K-resin is <u>not</u> an elastomer or latex <u>and</u> meets all the following characteristics of a resin:</p> <ul style="list-style-type: none"> The polymer is a block polymer; The manufactured polymer does not require vulcanization to make useful products; The polymer production process is operated to achieve at least 99 percent monomer conversion; and The polymer production process unit does not recycle unreacted monomer back to the process. 	

Bibliography:

Title 40 C.F.R. Part 63, Subpart I (1999).

Title 40 C.F.R. Part 63, Subpart U (1999).

59 Fed. Reg. 19402 (1994) (Apr. 22, 1994).

57 Fed. Reg. 62608 (1992) (Dec. 31, 1992).

Hawley's Condensed Chemical Dictionary 676 (12th ed. 1993).

Hawley's Condensed Chemical Dictionary 1014 (12th ed. 1993).

Hawley's Condensed Chemical Dictionary 1221 (12th ed. 1993).

Please note, in the event that an external customer feels that this rule interpretation is in error or a source of information has been overlooked which would change the determination, a request for reconsideration may be submitted. Requests must be submitted on a Reconsideration Process Form which is available at the TNRCC's homepage: <http://www.tnrcc.state.tx.us/air/opd/rmhmpg.htm>, or from any of the air rule interpretation team members.