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Contractor			
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Chemical Category		SODIUM CYANOBOROHYDRIDE	

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SANITIZED



Document Control Office (7407)
Room G99 East Tower
Attention: Section 8(e)
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

COMPANY SANITIZED

SUBJECT: 8E-HQ-1200-14836
Sodium Cyanoborohydride, CAS no. 25895-60-7

Dear Coordinator

By letter received by Rohm and Haas Company ("RandH") on January 10, 2001, the Environmental Protection Agency ("EPA") requested available information pertaining to sodium cyanoborohydride to assist the Agency in assessing the impact of any potential exposures and to evaluate any voluntary risk management actions that RandH intends to implement. In response, RandH provides the following:

Commercial interest in the substance on an industrial scale is in the development stage. The substance is currently manufactured on a small scale [] of the substance has been produced by RandH. At present, sodium cyanoborohydride is a commercial substance available only in lab quantities from a United States manufacturer and []. RandH's market analysis []

].

RandH provides samples from a RandH facility. RandH will likely pursue an arrangement with the current United States supplier of lab quantities []. To date, RandH has provided [] customers in the United States and will continue to sample only to those customers that meet RandH prequalification criteria.

RandH intends to offer this product in [] standard shipment units which will be packaged for safe transfer into the reactor []. RandH is in the process of evaluating a variety of packaging options based on the ability to provide for safe, secure transportation and to limit exposure.

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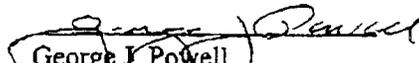
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RandH intends to market sodium cyanoborohydride [] for use at an [].
RandH will limit sales of the substance only to qualified manufacturers [] that operate manufacturing facilities with [] plants experienced in handling very [] and reactive chemicals. RandH intends to support the substance with a strong worldwide product stewardship program.

RandH conducted a product review for the developmental substance. RandH will benchmark the RandH product stewardship program, safe handling and EHS information on sodium cyanoborohydride with those companies known to be leaders in the safe handling of cyanide related products. The toxicological properties of sodium cyanoborohydride parallel closely those of sodium cyanide, a material which is currently being used worldwide in a variety of industrial applications. A preliminary risk assessment on the substance concluded that any dermal exposure > 30cm² will result in toxic effects indicative of cyanide poisoning and all dermal exposure should be precluded. Proposed RandH Workplace Exposure Limits are currently under formal internal review. The environmental fate and ecotoxicological properties of sodium cyanoborohydride are expected to be similar to sodium cyanide and all similar precautions for preventing environmental release of sodium cyanide should be observed for sodium cyanoborohydride. We will forward updated version of MSDS when available.

If you have any additional question, please contact me at 215-592-2986.

Sincerely


George I. Powell
TSCA 8(e) Coordinator
EHS Corporate Center