



US 20250059395A1

(19) **United States**

(12) **Patent Application Publication**
Asirvatham et al.

(10) **Pub. No.: US 2025/0059395 A1**

(43) **Pub. Date: Feb. 20, 2025**

(54) **SURFACTANTS FOR INKS, PAINTS, AND ADHESIVES**

Publication Classification

(71) Applicant: **AdvanSix Resins & Chemicals LLC**,
Parsippany, NJ (US)

(51) **Int. Cl.**

C09D 11/54 (2006.01)

C07F 7/08 (2006.01)

C07F 7/20 (2006.01)

C09D 7/20 (2006.01)

C09D 7/40 (2006.01)

C09D 9/00 (2006.01)

C09J 11/06 (2006.01)

C09J 11/08 (2006.01)

C09J 161/06 (2006.01)

(72) Inventors: **Edward Asirvatham**, Chatham, NJ
(US); **Kavssery Parameswaran**
Ananthapadmanabhan, Loveland, OH
(US); **Harshita Kumari**, Cincinnati,
OH (US); **Ramana Reddy Mittapalli**,
Cincinnati, OH (US); **Suchitra**
Dilipkumar Panigrahi, Cincinnati, OH
(US)

(52) **U.S. Cl.**

CPC **C09D 11/54** (2013.01); **C07F 7/0889**

(2013.01); **C07F 7/20** (2013.01); **C09D 7/20**

(2018.01); **C09D 7/40** (2018.01); **C09D 9/005**

(2013.01); **C09J 11/06** (2013.01); **C09J 11/08**

(2013.01); **C09J 161/06** (2013.01)

(21) Appl. No.: **18/795,167**

(22) Filed: **Aug. 5, 2024**

Related U.S. Application Data

(60) Provisional application No. 63/531,200, filed on Aug.
7, 2023.

(57)

ABSTRACT

Inks, paints, adhesives, and paint strippers may be formu-
lated to include one or more surfactants, from one or more
surfactant classes, such as siloxane derivatives of amino
acids that have surface-active properties.

